

# Rabaptin-5? Polyclonal Antibody

Cat No: HR1AP9077

For research use only

## Overview

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| Product Name          | Rabaptin-5? Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Source                | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Applications          | IHC-p,ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Species Reactivity    | Human,Mouse,Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Recommended Dilutions |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Immunogen             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Species               | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Storage               | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Isotype               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Clonality             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Concentration         | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Observed band         | kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| GeneID?Human?         | RABEP1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Human Swiss-Prot No.  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Cellular localization |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Alternative Names     | RABEP1; RAB5EP; RABPT5; RABPT5A; Rab GTPase-binding effector protein 1; Rabaptin-4; Rabaptin-5; Rabaptin-5alpha; Renal carcinoma antigen NY-REN-17                                                                                                                                                                                                                                                                                                                                                                                                   |
| Background            | function:Rab effector protein acting as linker between gamma-adaptin, RAB4A and RAB5A. Involved in endocytic membrane fusion and membrane trafficking of recycling endosomes. Stimulates RABGEF1 mediated nucleotide exchange on RAB5A.,PTM:Proteolytic cleavage by caspases in apoptotic cells causes loss of endosome fusion activity.,similarity:Belongs to the rabaptin family.,subunit:Heterodimer with RABGEF1. The heterodimer binds RAB4A and RAB5A that have been activated by GTP-binding. Binds TSC2, GGA1, GGA2, GGA3, AP1G1 and AP1G2., |