



ATG5 Rabbit pAb

Cat No: HR1APEA350

For research use only

Overview

Product Name	ATG5 Rabbit pAb
Source	Rabbit
Applications	IHC
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	IHC 1:100-200
Immunogen	
Species	Rabbit
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20°C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1mg/ml
Observed band	32kDa
GeneID?Human?	9494
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	APG5, APG5L,ASP, Autophagy Cysteine protein5 antibody
Background	Autophagy is generally activated by conditions of nutrient deprivation but has also been associated with a number of physiological processes including development, differentiation, neurodegeneration, infection, and cancer. Formation of the autophagosome involves a ubiquitin-like conjugation system in which Atg12 is covalently bound to Atg5 and targeted to autophagosome vesicles. This conjugation reaction is mediated by the ubiquitin E1-like enzyme Atg7 and the E2-like enzyme Atg10.