

APLP2 Polyclonal Antibody

Cat No: HR1AP6907

For research use only

Overview

Product Name	APLP2 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	87kDa
GeneID?Human?	APLP2
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	APLP2; APPL2; Amyloid-like protein 2; APLP-2; APPH; Amyloid protein homolog; CDEI box-binding protein; CDEBP
Background	amyloid beta precursor like protein 2(APLP2) Homo sapiens This gene encodes amyloid precursor- like protein 2 (APLP2), which is a member of the APP (amyloid precursor protein) family including APP, APLP1 and APLP2. This protein is ubiquitously expressed. It contains heparin-, copper- and zinc- binding domains at the N-terminus, BPTI/Kunitz inhibitor and E2 domains in the middle region, and transmembrane and intracellular domains at the C-terminus. This protein interacts with major histocompatibility complex (MHC) class I molecules. The synergy of this protein and the APP is required to mediate neuromuscular transmission, spatial learning and synaptic plasticity. This protein has been implicated in the pathogenesis of Alzheimer's disease. Multiple alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Aug 2011],