



ZDH17 rabbit pAb

Cat No.:ES10774

For research use only

Overview

Product Name	ZDH17 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	ZDH17 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Palmitoyltransferase ZDHHC17 (EC 2.3.1.-) (Huntingtin yeast partner H) (Huntingtin-interacting protein 14) (HIP-14) (Huntingtin-interacting protein 3) (HIP-3) (Huntingtin-interacting protein H) (Putat ZDHHC17 HIP14 HIP3 HYPH KIAA0946 HSPC294
Gene Name	
Cellular localization	Golgi apparatus membrane ; Multi-pass membrane protein . Cytoplasmic vesicle membrane ; Multi-pass membrane protein . Cell junction, synapse, presynaptic cell membrane ; Multi-pass membrane protein . Low extracellular Mg(2+) induces increase in Golgi and in post-Golgi membrane vesicles. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	69kD
Human Gene ID	23390
Human Swiss-Prot Number	Q8IUH5
Alternative Names	
Background	catalytic activity:Palmitoyl-CoA + protein-cysteine =





S-palmitoyl protein + CoA.,domain:The DHHC domain is required for palmitoyltransferase activity.,function:Palmitoyltransferase specific for a subset of neuronal proteins, including SNAP25, DLG4/PSD95, GAD2, SYT1 and HD. May be involved in the sorting or targeting of critical proteins involved in the initiating events of endocytosis at the plasma membrane. May be involved in the NF-kappa-B signaling pathway. Has transforming activity.,miscellaneous:The early and prominent pathology of HD is observed in the medium spiny neurons that project into the globus.,similarity:Belongs to the DHHC palmitoyltransferase family. AKR/ZDHHC17 subfamily.,similarity:Contains 1 DHHC-type zinc finger.,similarity:Contains 5 ANK repeats.,subunit:Binds HD. This interaction is inversely correlated to the length of the polyglutamine tract added to the huntingtin protein in Huntington disease.,tissue specificity:Expressed in all brain regions. Expression is highest in the cortex, cerebellum, occipital lobe and caudate and lowest in the spinal cord. Expression is also seen in testis, pancreas, heart and kidney.,

