ZDH17 Polyclonal Antibody

Catalog No	YP-Ab-06694
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	ZDHHC17 HIP14 HIP3 HYPH KIAA0946 HSPC294
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, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	HIP14;ZDHHC17;Acyltransferase ZDHHC17;DHHC 17;DHHC domain-containing cysteine-rich protein 17;ZDH17;ZDHHC17 HIP14 HIP3 HYPH KIAA0946 HSPC294;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
Observed Band	70-73 kDa
Calculated Molecular Weight	73 kDa
Cell Pathway	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. .
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.
Function	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 huntingt
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.,
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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