

ZDH17 Rabbit pAb

CatalogNo: YN1828

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 69kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

| Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen Synthesized peptide derived from part region of human protein

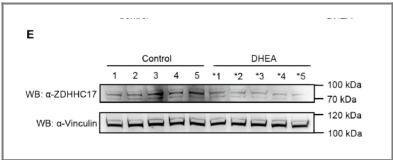
Specificity ZDH17 Polyclonal Antibody detects endogenous levels of protein.

| Target Information

Gene name ZDHHC17 HIP14 HIP3 HYPH KIAA0946 HSPC294

Protein Name	Palmitoyltransferase ZDHHC17 (Huntingtin yeast partner H) (Huntingtin-interacting protein 14) (HIP-14) (Huntingtin-interacting protein 3) (HIP-3) (Huntingtin-interacting protein H) (Putative MAPK-activating protein PM11) (Putative NF-kappa-B-activating protein 205) (Zinc finger DHHC domain-containing protein 17) (DHHC-17)		
	Organism	Gene ID	UniProt ID
	Human	23390 ;	Q8IUH5 ;
	Mouse		Q80TN5 ;
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. .		
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 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.,		

Validation Data



ZDHHC17 participates in the pathogenesis of polycystic ovary syndrome by affecting androgen conversion to estrogen in granulosa cells. MOLECULAR AND CELLULAR ENDOCRINOLOGY Zhigang Guo WB,IP Mouse 1:1000,1:400 ovarian tissues GRM02 cell

Contact information

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