

DHHC-7 rabbit pAb**Cat#: orb765043 (Manual)**

For research use only. Not intended for diagnostic use.

Product Name	DHHC-7 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human ZDHHC7. AA range:259-308
Specificity	DHHC-7 Polyclonal Antibody detects endogenous levels of DHHC-7 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 ZDHHC7
Gene Name	ZDHHC7
Cellular localization	Golgi apparatus membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

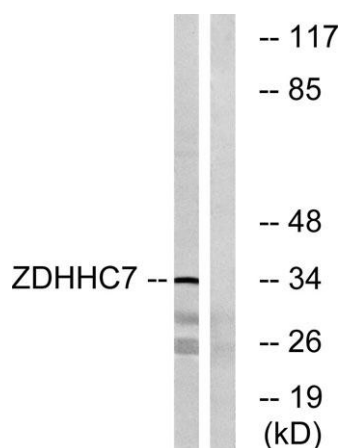
Concentration	1 mg/ml
Observed band	35kD
Human Gene ID	55625
Human Swiss-Prot Number	Q9NXF8
Alternative Names	ZDHHC7; ZNF370; Palmitoyltransferase ZDHHC7; Zinc finger DHHC domain-containing protein 7; DHHC-7; Zinc finger protein 370

Background

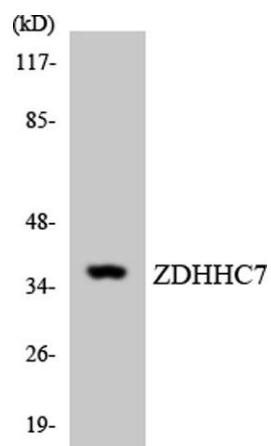
catalytic activity:Palmitoyl-CoA + protein-cysteine = S-palmitoyl protein + CoA.,domain:The DHHC domain is required for palmitoyltransferase activity.,function:Palmitoyltransferase with broad specificity. Palmitoylates SNAP25 and DLG4/PSD95. May palmitoylate GABA receptors on their gamma subunit (GABRG1, GABRG2 and GABRG3) and regulate their synaptic clustering and/or cell surface stability.,similarity:Belongs to the DHHC palmitoyltransferase family.,similarity:Contains 1 DHHC-type zinc finger.,



Western Blot analysis of various cells using DHHC-7 Polyclonal Antibody



Western blot analysis of lysates from HUVEC cells, using ZDHHC7 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HUVEC cells using ZDHHC7 antibody.