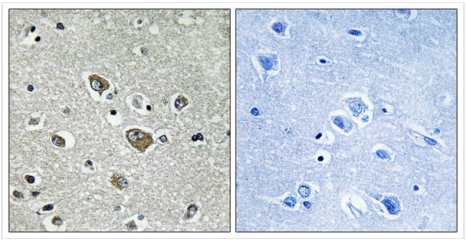
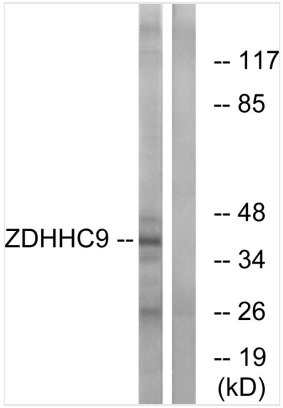
ZDHHC9 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ZDHHC9, Polyclonal Antibody
Full Product Name	ZDHHC9 Antibody
Product Gene Name	anti-ZDHHC9 antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using immunogen.
Concentration	1 mg/ml (lot specific)
Specificity	ZDHHC9 Antibody detects endogenous levels of total ZDHHC9 protein.
Preparation and Storage	Stable at -20 degree C for at least 1 year.
Molecular Weight	40 kDa
OMIM	AY952881 mRNA
3D Structure	ModBase 3D Structure for Q9Y397
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human ZDHHC9.
Immunogen Range	315-364
Applications Tested/Suitable for anti-ZDHHC9 antibody	Western Blot (WB), Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-ZDHHC9 antibody	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:40000
Related Product Information for anti-ZDHHC9 antibody	MBS9506658 is an antibody targeting ZDHHC9. Also known as ZDHHC9 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-ZDHHC9 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Immunohistochemistry (IHC) of anti-ZDHHC9 antibody
Immunohistochemistry analysis of paraffin-embedded human brain tissue, using ZDHHC9 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot (WB) of anti-ZDHHC9 antibody
Western blot analysis of lysates from COLO cells, using ZDHHC9 Antibody. The lane on the right is blocked with the synthesized peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ZDHHC9. It may not necessarily be applicable to this product.

NCBI GI #	56682974
NCBI GeneID	51114
NCBI Accession #	NP_001008223.1
UniProt Primary Accession #	Q9Y397
UniProt Secondary Accession #	Q59EK4; Q5JSW5; Q8WWS7; Q9BPY4; Q9NSP0; Q9NVL0; Q9NVR6; B4F6G2; D3DTF9
UniProt Related Accession #	Q9Y397
GenBank Nucleotide #	NM_001008222.2
NCBI Official Full Name	palmitoyltransferase ZDHHC9
NCBI Official Synonym Full Names	zinc finger DHHC-type containing 9
NCBI Official Symbol	ZDHHC9
NCBI Official Synonym Symbols	CGI89; DHHC9; MMSA1; MRXSZ; ZNF379; ZNF380; CXorf11; ZDHHC10
UniProt Protein Name	Palmitoyltransferase ZDHHC9
UniProt Synonym Protein Names	Zinc finger DHHC domain-containing protein 9; DHHC-9; DHHC9; Zinc finger protein 379; Zinc finger protein 380
Protein Family	Palmitoyltransferase
UniProt Gene Name	ZDHHC9
UniProt Synonym Gene Names	CXorf11; ZDHHC10; ZNF379; ZNF380; DHHC-9; DHHC9
NCBI Protein Information	palmitoyltransferase ZDHHC9
NCBI Summary for ZDHHC9	This gene encodes an integral membrane protein that is a member of the zinc finger DHHC domain-containing protein family. The encoded protein forms a complex with golgin subfamily A member 7 and functions as a palmitoyltransferase. This protein specifically palmitoylates HRAS and NRAS. Mutations in this gene are associated with X-linked cognitive disability. Alternate splicing results in multiple transcript variants that encode the same protein.[provided by RefSeq, May 2010]
UniProt Comments for ZDHHC9	The ZDHHC9-GOLGA7 complex is a palmitoyltransferase specific for HRAS and NRAS.
Research Articles on ZDHHC9	**1.** De novo ZDHHC9 mutation was identified in a patient with X-linked intellectual disability.

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