

ZDHC8 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full length recombinant ZDHC8.

Catalog # AT4571a

Product Information

Application	WB
Primary Accession	Q9ULC8
Other Accession	BC009442
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	1C5
Calculated MW	81443

Additional Information

Gene ID	29801
Other Names	Probable palmitoyltransferase ZDHC8, Zinc finger DHHC domain-containing protein 8, DHHC-8, Zinc finger protein 378, ZDHC8, KIAA1292, ZDHC1, ZNF378
Target/Specificity	ZDHC8 (AAH09442, 1 a.a. ~ 42 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	ZDHC8 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

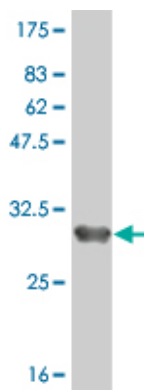
This gene encodes a four transmembrane protein that is a member of the zinc finger DHHC domain-containing protein family. The encoded protein may function as a palmitoyltransferase. Defects in this gene may be associated with a susceptibility to schizophrenia. Alternate splicing of this gene results in multiple transcript variants. A pseudogene of this gene is found on chromosome 22.

References

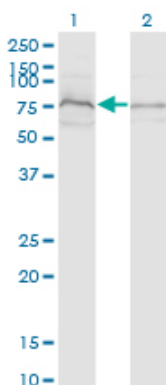
Testing for genetic association between the ZDHC8 gene locus and susceptibility to schizophrenia: An

integrated analysis of multiple datasets. Xu M, et al. Am J Med Genet B Neuropsychiatr Genet, 2010 May 24. PMID 20661937. Association of ZDHHC8 polymorphisms with smooth pursuit eye movement abnormality. Shin HD, et al. Am J Med Genet B Neuropsychiatr Genet, 2010 Sep. PMID 20468065. Association study of 182 candidate genes in anorexia nervosa. Pinheiro AP, et al. Am J Med Genet B Neuropsychiatr Genet, 2010 Jul. PMID 20468064. Proteome scale characterization of human S-acylated proteins in lipid raft-enriched and non-raft membranes. Yang W, et al. Mol Cell Proteomics, 2010 Jan. PMID 19801377. Palmitoylation of ATP-binding cassette transporter A1 is essential for its trafficking and function. Singaraja RR, et al. Circ Res, 2009 Jul 17. PMID 19556522.

Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (30.36 KDa) .



Western Blot analysis of ZDHHC8 expression in transfected 293T cell line by ZDHHC8 monoclonal antibody (M02), clone 1C5.

Lane 1: ZDHHC8 transfected lysate (Predicted MW: 81.443 KDa).

Lane 2: Non-transfected lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.