

ARG46831 anti-CH25H antibody

Package: 100 µl, 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CH25H
Tested Reactivity	Hu, Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	CH25H
Species	Human
Immunogen	KLH conjugated synthetic peptide (aa 47-76) from human CH25H
Conjugation	Un-conjugated
Alternate Names	Cholesterol 25-monooxygenase; h25OH; 1.14.99.38; Cholesterol 25-Hydroxylase

Application Instructions

Application table	Application	Dilution
	WB	1:1000 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

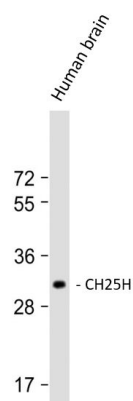
Form	Liquid
Purification	Purified through a protein A column, followed by peptide affinity purification.
Buffer	PBS and 0.09% Sodium azide
Preservative	0.09% Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CH25H
Gene Full Name	Cholesterol 25-hydroxylase

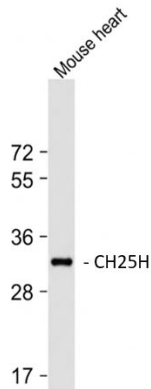
Background	This is an intronless gene that is involved in cholesterol and lipid metabolism. The encoded protein is a membrane protein and contains clusters of histidine residues essential for catalytic activity. Unlike most other sterol hydroxylases, this enzyme is a member of a small family of enzymes that utilize diiron cofactors to catalyze the hydroxylation of hydrophobic substrates. [provided by RefSeq, Jul 2008]
Function	Catalyzes the formation of 25-hydroxycholesterol from cholesterol, leading to repress cholesterol biosynthetic enzymes. [UniProt]
Calculated Mw	32 kDa
PTM	Glycoprotein. [UniProt]
Cellular Localization	Endoplasmic reticulum; Membrane. [UniProt]

Images



ARG46831 anti-CH25H antibody WB image

Western blot: Human brain stained with ARG46831 anti-CH25H antibody.



ARG46831 anti-CH25H antibody WB image

Western blot: Mouse heart stained with ARG46831 anti-CH25H antibody.