Datasheet for ABIN7565948

anti-CH25H antibody (C-Term)

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Overview

Quantity:	100 µg
Target:	CH25H
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CH25H antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	CH25H Antibody
Immunogen:	Immunogen: Anti-CH25H antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to a C-Terminal region of human CH25H conjugated to Keyhole Limpet Hemocyanin (KLH). Immunogen Type: Conjugated Peptide
Cross-Reactivity (Details):	This affinity purified antibody is directed against human CH25H.
Characteristics:	Synonyms: Rabbit Anti-Cholesterol 25-Hydroxylase, Rabbit Anti-CH25H, Cholesterol 25-Monooxygenase, EC 1.14.99.38, H25OH, C25H
Purification:	This affinity purified antibody is directed against human CH25H.
Sterility:	Sterile filtered

Target Details

Target:	CH25H
Alternative Name:	CH25H (CH25H Products)
Background:	Background: CH25H (Cholesterol 25-Hydroxylase catalyzes the formation of 25-hydroxycholesterol from cholesterol, leading to repress cholesterol biosynthetic enzymes. CH25H plays a key role in cell positioning and movement in lymphoid tissues: 25-hydroxycholesterol is an intermediate in biosynthesis of 7-alpha,25-dihydroxycholesterol (7-alpha,25-OHC), an oxysterol that acts as a ligand for the G protein-coupled receptor GPR183/EBI2, a chemotactic receptor for several lymphoid cells. It may play an important role in regulating lipid metabolism by synthesizing a corepressor that blocks sterol regulatory element binding protein (SREBP) processing. In testis, production of 25-hydroxycholesterol by macrophages may play a role in Leydig cell differentiation. Anti-CH25H Antibody is useful for researchers interested in Alzheimer's Disease, Neuroscience, and metabolism.
Gene ID:	9023
NCBI Accession:	NP_003947
UniProt:	O95992

Application Details

Application Notes:	Application Note: Anti-CH25H Antibody has been tested in ELISA, WB, and IHC. Expect a band at ~31.7 kDa in western blot using appropriate tissues or lysates. Positive control used: Human Kidney Tissues in Immunohistochemistry. Immunohistochemistry Dilution: 1:100 Western Blot Dilution: 1:1,000 ELISA Dilution: 1:10,000 - 1:50,000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.92 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: None Preservative: 0.01 % (w/v) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiry Date:	12 months