



Anti-CH25H (aa 190-239) polyclonal antibody (DPABH-25497)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	CH25H is involved in cholesterol and lipid metabolism and catalyses the formation of 25-hydroxycholesterol from cholesterol, leading to repression of cholesterol biosynthetic enzymes. It may play an important role in regulating lipid metabolism by synthesizing a corepressor that blocks sterol regulatory element binding protein (SREBP) processing.
Immunogen	Synthetic peptide corresponding to a region within C terminal amino acids 190-239 (VTLLGCHPLT TLTFHVVNIW LSVEDHSGYN FPWSTHRLVP FGWYGGVVHH) of Human CH25H (NP_003947).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	50 µg
Buffer	Constituents: 97% PBS, 2% Sucrose
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	CH25H cholesterol 25-hydroxylase [Homo sapiens]
Official Symbol	CH25H
Synonyms	CH25H; cholesterol 25-hydroxylase; h25OH; cholesterol 25-monooxygenase; C25H;
Entrez Gene ID	9023
Protein Refseq	NP_003947
UniProt ID	O95992
Chromosome Location	10q23
Pathway	Bile acid and bile salt metabolism; Metabolism; Metabolism of lipids and lipoproteins; Primary bile acid biosynthesis; Synthesis of bile acids and bile salts;
Function	cholesterol 25-hydroxylase activity; iron ion binding; metal ion binding; steroid hydroxylase activity;