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Product datasheet for TA338198

CH25H Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CH25H antibody is: synthetic peptide directed towards the C-terminal region of Human CH25H. Synthetic peptide located within the following region: VTLLGCHPLTTLTFHVVNIWLSVEDHSGYNFPWSTHRLVPFGWYGGVVHH
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	32 kDa
Gene Name:	cholesterol 25-hydroxylase
Database Link:	NP_003947 Entrez Gene 9023 Human O95992
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.
Synonyms:	C25H

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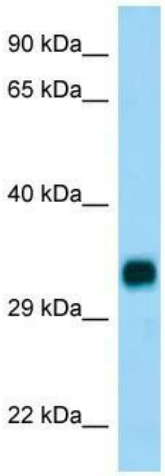
Note: Immunogen Sequence Homology: Human: 100%; Pig: 93%; Rat: 93%; Horse: 93%; Mouse: 93%; Bovine: 93%; Rabbit: 93%; Guinea pig: 93%; Zebrafish: 86%; Goat: 83%; Yeast: 75%

Protein Families: Transmembrane

Protein Pathways: Primary bile acid biosynthesis

Product images:



WB Suggested Anti-CH25H Antibody; Titration: 1.0 ug/ml; Positive Control: Fetal Brain

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