

Rabbit CH25H Polyclonal Antibody | anti-CH25H antibody

CH25H Antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201341	Rabbit	Tested Reactivity: Human Predicted Reactivity: Human, Mouse, Rat, Cow, Goat, Guinea Pig, Horse, Rabbit, Yeast, Zebrafish	Western Blot

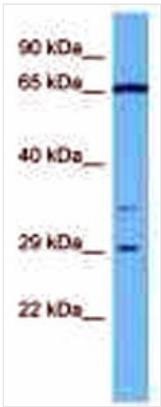
PRODUCT SYNONYMS

CH25H; Polyclonal Antibody; CH25H Antibody - C-terminal region; anti-CH25H antibody

PRODUCT SPECIFICATIONS

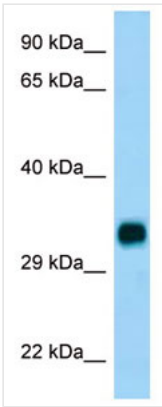
Host	Rabbit
Reactivity	Tested Reactivity: Human Predicted Reactivity: Human, Mouse, Rat, Cow, Goat, Guinea Pig, Horse, Rabbit, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Sequence	VTLLGCHPLT TLTFHVNIW LSVEDHSGYN FPWSTHRLVP FGWYGGVVHH
Applicable Applications for anti-CH25H antibody	WB (Western Blot)
Protein Size (# AA)	272 amino acids
Blocking Peptide	For anti-CH25H antibody is Catalog # immunogen is a synthetic peptide directed towards the C-terminal region of Human CH25H
Replacement Item	This antibody may replace item sc-107479 from Santa Cruz Biotechnology.
Predicted Homology	Cow: 93%; Goat: 83%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%; Yeast: 75%; Zebrafish: 86%
Preparation and Storage	For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Host: Rabbit Target Name: CH25H Sample Tissue: Human MCF7 Whole Cell Antibody Dilution: 1ug/ml



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-CH25H antibody	This is a rabbit polyclonal antibody against CH25H. It was validated on Western Blot Target Description: 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.
Product Categories/Family for anti-CH25H antibody	Polyclonal; Membrane Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502499
NCBI GeneID	9023
NCBI Accession #	NP_003947
NCBI GenBank Nucleotide #	NM_003956
UniProt Accession #	O95992
Molecular Weight	32kDa
NCBI Official Full Name	cholesterol 25-hydroxylase
NCBI Official Synonym Full Names	cholesterol 25-hydroxylase
NCBI Official Symbol	CH25H
NCBI Official Synonym Symbols	C25H
NCBI Protein Information	cholesterol 25-hydroxylase
UniProt Protein Name	Cholesterol 25-hydroxylase
UniProt Gene Name	CH25H
UniProt Synonym Gene Names	h25OH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

