

Rabbit COH1 Polyclonal Antibody | anti-VPS13B antibody

COH1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40385	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

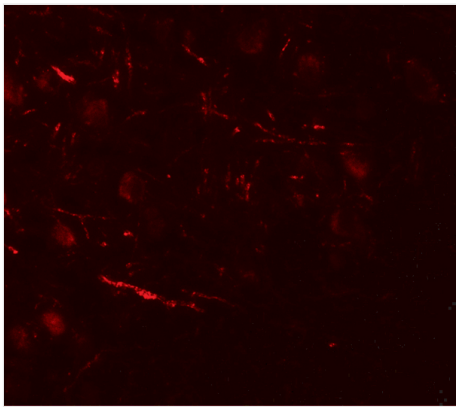
PRODUCT SYNONYMS

COH1; Polyclonal Antibody; COH1 Antibody; CHS1; KIAA0532; Vacuolar protein sorting-associated protein 13B; Cohen syndrome protein 1; vacuolar protein sorting 13 homolog B (yeast); anti-VPS13B antibody

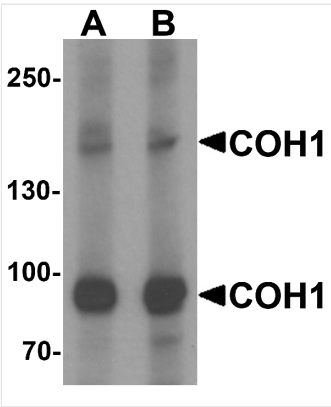
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least five alternatively spliced transcript variants have been observed. COH1 detects two isoforms.
Purity/Purification	COH1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	863
Applicable Applications for anti-VPS13B antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	COH1 antibody was raised against a 17 amino acid synthetic peptide near the amino terminus of human COH1.
Buffer	COH1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	COH1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of COH1 in human brain tissue with COH1 antibody at 20 µg/mL.



WB (Western Blot)
Western blot analysis of COH1 in SK-N-SH cell lysate with COH1 antibody at (A) 1 and (B) 2 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-VPS13B antibody	COH1 Antibody: COH1 (Cohen syndrome protein 1), also known as VPS13B (vacuolar protein sorting-associated protein 13B) or CHS1, belongs to the VPS13 family and may function in vesicle-mediated transport and sorting of proteins within the cell. COH1 is widely expressed and multiple alternatively spliced transcript variants have been observed. Mutations in this gene have been associated with Cohen syndrome. COH1 is a Golgi-localized peripheral membrane protein and plays a critical role in Golgi (re)assembly.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	35493725
NCBI GeneID	157680
NCBI Accession #	NP_056058
NCBI GenBank Nucleotide #	NM_015243.2
UniProt Accession #	Q7Z7G8; Q709C6; Q709C7; Q7Z7G4; Q7Z7G5; Q7Z7G6; Q7Z7G7; Q8NB77; Q9NWW1; Q9Y4E7; C9JD30
Molecular Weight	448,536 Da
NCBI Official Full Name	vacuolar protein sorting-associated protein 13B isoform 3
NCBI Official Synonym Full Names	vacuolar protein sorting 13 homolog B (yeast)
NCBI Official Symbol	VPS13B
NCBI Official Synonym Symbols	CHS1; COH1
NCBI Protein Information	vacuolar protein sorting-associated protein 13B
UniProt Protein Name	Vacuolar protein sorting-associated protein 13B
UniProt Gene Name	VPS13B
UniProt Synonym Gene Names	CHS1; COH1; KIAA0532
UniProt Entry Name	VP13B_HUMAN

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.