

Rabbit anti-Human OPHN1 Polyclonal Antibody | anti-OPHN1 antibody

OPHN1 Antibody

CATALOG # AAA231112	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

OPHN1; Polyclonal Antibody; OPHN1 Antibody; Oligophrenin-1; anti-OPHN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	802
Applicable Applications for anti-OPHN1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Oligophrenin-1 protein (N-270AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-8374 / sc-25631
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



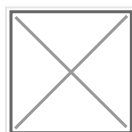
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using AAA231112 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA231112 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: OPHN1antibody at 1.87ug/ml+ A549 whole cell lysateGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 92,37 kDaObserved band size: 92 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-OPHN1 antibody	Stimulates GTP hydrolysis of members of the Rho family. Its action on RHOA activity and signaling is implicated in growth and stabilization of dendritic spines, and therefore in synaptic function. Critical for the stabilization of AMPA receptors at postsynaptic sites. Critical for the regulation of synaptic vesicle endocytosis at presynaptic terminals. Required for the localization of NR1D1 to dendrites, can suppress its repressor activity and protect it from proteasomal degradation (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505507
NCBI GeneID	4983
NCBI Accession #	NP_002538.1
NCBI GenBank Nucleotide #	NM_002547.2
UniProt Accession #	O60890; Q5JQ81; Q6PCC1; Q8WX47; B9EIP8
Molecular Weight	36,673 Da
NCBI Official Full Name	oligophrenin-1
NCBI Official Synonym Full Names	oligophrenin 1
NCBI Official Symbol	OPHN1
NCBI Official Synonym Symbols	OPN1; MRX60; ARHGAP41
NCBI Protein Information	oligophrenin-1
UniProt Protein Name	Oligophrenin-1
UniProt Gene Name	OPHN1
UniProt Entry Name	OPHN1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ophn1-antibody-immunohistochemistry-western-blot-elisa/231112>