

anti-Human Optineurin Monoclonal Antibody | anti-OPTN antibody

Optineurin Rabbit mAb

CATALOG # AAA314557	HOST Recombinant Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Optineurin; Monoclonal Antibody; Optineurin Rabbit mAb; NRP; FIP2; HIP7; HYPL; ALS12; GLC1E; TFIIIA-INTP; anti-OPTN antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	S01-2C5
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-OPTN antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human Optineurin
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of Optineurin in paraffin-embedded Human Cholangiocarcinoma using Optineurin Rabbit mAb at dilution 1/50



WB (Western Blot)

Western blot detection of Optineurin in HeLa, A549, HL-60, U2OS, U87-MG cell lysates using Optineurin Rabbit mAb (1:1000 diluted). Predicted band size: 66kDa. Observed band size: 75kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-OPTN antibody	Plays an important role in the maintenance of the Golgi complex, in membrane trafficking, in exocytosis, through its interaction with myosin VI and Rab8 (PubMed:27534431).
Product Categories/Family for anti-OPTN antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	317373403
NCBI GeneID	10133
UniProt Accession #	Q96CV9; Q5T672; Q5T673; Q5T674; Q5T675; Q7LDL9; Q8N562; Q9UET9; Q9UEV4; B3KP00; D3DRS4; D3DRS8
Molecular Weight	577
NCBI Official Full Name	Optineurin
NCBI Official Synonym Full Names	optineurin
NCBI Official Symbol	OPTN
NCBI Official Synonym Symbols	NRP; FIP2; HIP7; HYPL; ALS12; GLC1E; TFIIIA-INTP
NCBI Protein Information	optineurin; FIP-2; HIP-7; nemo-related protein; huntingtin yeast partner L; E3-14.7K-interacting protein; Huntingtin interacting protein L; huntingtin-interacting protein 7; huntingtin-interacting protein L; optic neuropathy-inducing protein; transcrption
UniProt Protein Name	Optineurin
UniProt Gene Name	OPTN
UniProt Synonym Gene Names	FIP2; GLC1E; HIP7; HYPL; NRP; HIP-7; TFIIIA-IntP
UniProt Entry Name	OPTN_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/monoclonal/optineurin-antibody-clone-s01-2c5-immunohistochemistry-western-blot-elisa/314557>