

Rabbit OPTN Polyclonal Antibody | anti-OPTN antibody

OPTN Antibody

CATALOG # AAA167731	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

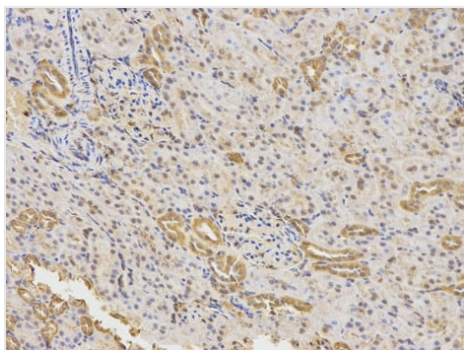
PRODUCT SYNONYMS

OPTN; Polyclonal Antibody; OPTN Antibody; NRP; FIP2; HIP7; HYPL; ALS12; GLC1E; TFIIIA-INTP; anti-OPTN antibody

PRODUCT SPECIFICATIONS

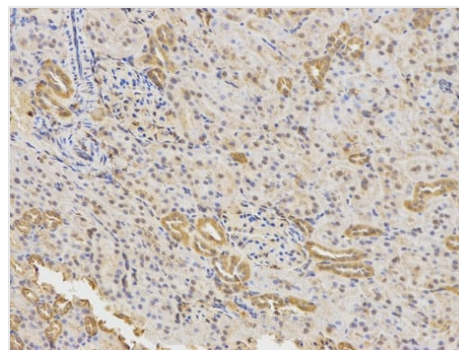
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	577
Applicable Applications for anti-OPTN antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human OPTN
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-48901 / sc-48903
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



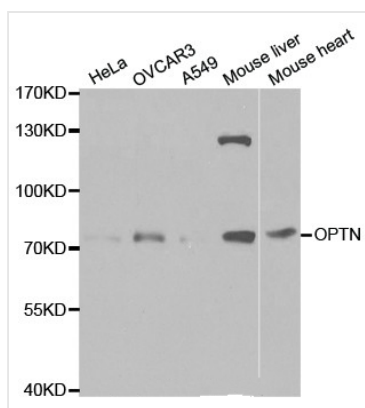
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded rat kidney using OPTN antibody at dilution of 1:100 (200x lens).



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human esophageal cancer using OPTN antibody at dilution of 1:100 (200x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using OPTN antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-OPTN antibody

This gene encodes the coiled-coil containing protein optineurin. Optineurin may play a role in normal-tension glaucoma and adult-onset primary open angle glaucoma. Optineurin interacts with adenovirus E3-14. 7K protein and may utilize tumor necrosis factor-alpha or Fas-ligand pathways to mediate apoptosis, inflammation or vasoconstriction. Optineurin may also function in cellular morphogenesis and membrane trafficking, vesicle trafficking, and transcription activation through its interactions with the RAB8, huntingtin, and transcription factor IIIA proteins. Alternative splicing results in multiple transcript variants encoding the same protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	56549111
NCBI GeneID	10133
NCBI Accession #	NP_001008214.1
NCBI GenBank Nucleotide #	NM_001008213.1
Molecular Weight	59,559 Da
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; E3-14.7K-interacting protein; FIP-2; HIP-7; Huntingtin interacting protein L; huntingtin yeast partner L; huntingtin-interacting protein 7; huntingtin-interacting protein L; nemo-related protein; optic neuropathy-inducing protein; transcription factor IIIA-interacting protein; transcrption factor IIIA-interacting protein; tumor necrosis factor alpha-inducible cellular protein containing leucine zipper domains
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/optn-antibody-immunohistochemistry-western-blot-elisa/167731>