

Rabbit anti-Human Optineurin Polyclonal Antibody | anti-OPTN antibody

Rabbit anti-Optineurin Antibody, Affinity Purified

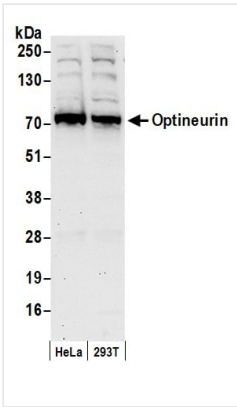
CATALOG # AAA211648	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

Optineurin; Polyclonal Antibody; Rabbit anti-Optineurin Antibody; Affinity Purified; HYPL; ALS12; transcription factor IIIA-interacting protein; tumor necrosis factor alpha-inducible cellular protein containing leucine zipper domains; transcription factor IIIA-interacting protein; TFIIIA-INTP; optineurin; optic neuropathy-inducing protein; NRP; nemo-related protein; FIP-2; FIP2; huntingtin-interacting protein L; E3-14.7K-interacting protein; GLC1E; HIP7; HIP-7; Huntingtin interacting protein L; huntingtin yeast partner L; huntingtin-interacting protein 7; anti-OPTN antibody

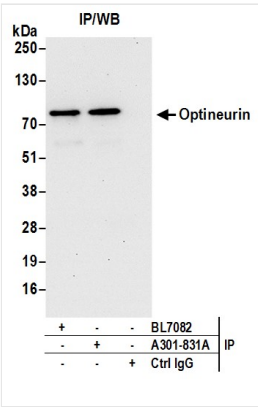
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-OPTN antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 527 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human Optineurin by western blot. Samples: Whole cell lysate (50 ug) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Optineurin antibody AAA211648 (lot AAA211648-2) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human Optineurin by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Optineurin antibody AAA211648 (lot AAA211648-2) used for IP at 6 ug per reaction. Optineurin was also immunoprecipitated by rabbit anti-Optineurin antibody BL7082. For blotting immunoprecipitated Optineurin, AAA211648 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-OPTN antibody	Defects in optineurin have been linked to glaucoma. In the cell, optineurin localizes to the Golgi and associates with markers of the endocytic pathway. A role in membrane trafficking and golgi function has been proposed due to its association with the actin-based motor protein myosin VI and its function as an effector protein of the small GTPase Rab8.
Product Categories/Family for anti-OPTN antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	20149572
NCBI GeneID	10133
NCBI Accession #	NP_068815.2
NCBI GenBank Nucleotide #	NM_021980.4
UniProt Accession #	Q96CV9; Q5T672; Q5T673; Q5T674; Q5T675; Q7LDL9; Q8N562; Q9UET9; Q9UEV4; B3KP00; D3DRS4; D3DRS8
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; 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

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/optineurin-antibody-immunoprecipitation-western-blot-elisa/211648>