

Rabbit anti-Human Reticulon-3 Polyclonal Antibody | anti-RTN3 antibody

Rabbit anti-Reticulon-3 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212051	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Reticulon-3; Polyclonal Antibody; Rabbit anti-Reticulon-3 Antibody; Affinity Purified; NSPL2; reticulon-3; NSP-like protein II; RTN3-A1; NSPLII; neuroendocrine-specific protein-like 2; homolog of ASY protein; HAP; ASYIP; ASY interacting protein; NSP-like protein 2; neuroendocrine-specific protein-like II; reticulon 3; anti-RTN3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-RTN3 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 750 and 800
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



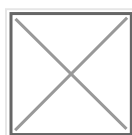
WB (Western Blot)

Detection of human Reticulon-3 by western blot. Samples: Whole cell lysate (5, 15, and 50 ug) from HeLa cells. Antibody: Affinity purified rabbit anti-Reticulon-3 antibody AAA212051 (lot AAA212051-1) used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human Reticulon-3 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-Reticulon-3 antibody AAA212051 (lot AAA212051-1) used for IP at 3 ug/mg lysate. Reticulon-3 was also immunoprecipitated by rabbit anti-Reticulon-3 antibody which recognizes an upstream epitope. For blotting immunoprecipitated Reticulon-3, AAA212051 was used at 0.4 ug/ml. Detection: Chemiluminescence with exposure time of 3 seconds.



IHC (Immunohistochemistry)

Detection of human Reticulon-3 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-Reticulon-3 (Cat. No. AAA212051 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: Vector Laboratories ImmPACT NovaRED Peroxidase Substrate

ADDITIONAL INFORMATION

Related Product Information for anti-RTN3 antibody	Reticulon-3 may be involved in membrane trafficking in the early secretory pathway. Reticulon-3 inhibits BACE1 activity and amyloid precursor protein processing. It may induce caspase-8 cascade and apoptosis and may favor BCL2 translocation to the mitochondria upon endoplasmic reticulum stress. In case of enteroviruses infection, Reticulon-3 may be involved in the viral replication or pathogenesis [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/O95197].
Product Categories/Family for anti-RTN3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174655
NCBI GeneID	10313
NCBI Accession #	NP_006045.1
NCBI GenBank Nucleotide #	NM_006054.3
UniProt Accession #	O95197; Q147U9; Q496K2; Q53GN3; Q59EP0; Q5UEP2; Q6T930; Q7RTM7; B3KQS2; B7Z308; B7Z4M0; F5H774
Molecular Weight	100,824 Da
NCBI Official Full Name	reticulon-3 isoform a
NCBI Official Synonym Full Names	reticulon 3
NCBI Official Symbol	RTN3
NCBI Official Synonym Symbols	HAP; ASYIP; NSPL2; NSPLI; RTN3-A1
NCBI Protein Information	reticulon-3; NSP-like protein 2; NSP-like protein II; homolog of ASY protein; ASY interacting protein; neuroendocrine-specific protein-like 2; neuroendocrine-specific protein-like II
UniProt Protein Name	Reticulon-3
UniProt Gene Name	RTN3
UniProt Synonym Gene Names	ASYIP; NSPL2; HAP; NSP-like protein 2; NSP-like protein II; NSPLI
UniProt Entry Name	RTN3_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/reticulon-3-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212051>