

Rabbit anti-Human RTN4IP1 Polyclonal Antibody | anti-RTN4IP1 antibody

RTN4IP1 Antibody

CATALOG # AAA310458	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

RTN4IP1; Polyclonal Antibody; RTN4IP1 Antibody; NIMP; OPA10; anti-RTN4IP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total RTN4IP1 protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.9mg/ml (varies by lot)
Sequence Length	396
Applicable Applications for anti-RTN4IP1 antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide corresponding to internal residues of human RTN4IP1
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 46663(RTN4IP1 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 46663(RTN4IP1 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: x200)

ADDITIONAL INFORMATION

Related Product Information for anti-RTN4IP1 antibody	This gene encodes a mitochondrial protein that interacts with reticulon 4, which is a potent inhibitor of regeneration following spinal cord injury. This interaction may be important for reticulon-induced inhibition of neurite growth. Mutations in this gene can cause optic atrophy 10, with or without ataxia, mental retardation, and seizures. There is a pseudogene for this gene on chromosome 12. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-RTN4IP1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	47519420
NCBI GeneID	84816
NCBI Accession #	NP_116119
NCBI GenBank Nucleotide #	NM_032730.5
UniProt Accession #	Q8WWV3; Q8N9B3; Q8WZ66; Q9BRA4
Molecular Weight	24,936 Da
NCBI Official Full Name	reticulon-4-interacting protein 1, mitochondrial isoform 1
NCBI Official Synonym Full Names	reticulon 4 interacting protein 1
NCBI Official Symbol	RTN4IP1
NCBI Official Synonym Symbols	NIMP; OPA10
NCBI Protein Information	reticulon-4-interacting protein 1, mitochondrial
UniProt Protein Name	Reticulon-4-interacting protein 1, mitochondrial
UniProt Gene Name	RTN4IP1
UniProt Synonym Gene Names	NIMP

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/rtn4ip1-antibody-immunohistochemistry-elisa/310458>