

Rabbit anti-Human Nicastrin Polyclonal Antibody | anti-NCSTN antibody

Rabbit anti-Nicastrin Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212710	Rabbit	Human	Immunoprecipitation, Western Blot

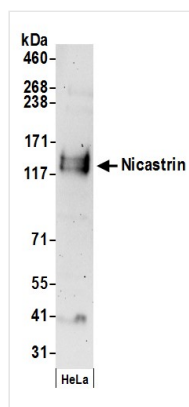
PRODUCT SYNONYMS

Nicastrin; Polyclonal Antibody; Rabbit anti-Nicastrin Antibody; Affinity Purified; anterior pharynx-defective 2; ATAG1874; nicastrin; anti-NCSTN antibody

PRODUCT SPECIFICATIONS

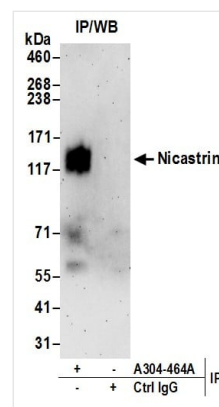
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-NCSTN antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 659 and C-terminus
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 Nicastrin by western blot. Samples: Whole cell lysate (50 ug) from HeLa cells prepared using RIPA lysis buffer. Antibodies: Affinity purified rabbit anti-Nicastrin antibody AAA212710 (lot AAA212710-1) used for WB at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human Nicastrin 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 RIPA lysis buffer. Antibodies: Affinity purified rabbit anti-Nicastrin antibody AAA212710 (lot AAA212710-1) used for IP at 6 ug per reaction. For blotting immunoprecipitated Nicastrin, AAA212710 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-NCSTN antibody	Nicastrin is an essential subunit of the gamma-secretase complex, an endoprotease complex that catalyzes the intramembrane cleavage of integral membrane proteins such as Notch receptors and APP (beta-amyloid precursor protein). It probably represents a stabilizing cofactor required for the assembly of the gamma-secretase complex [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q92542].
Product Categories/Family for anti-NCSTN antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	24638433
NCBI GeneID	23385
NCBI Accession #	NP_056146.1
NCBI GenBank Nucleotide #	NM_015331.2
UniProt Accession #	Q92542; Q5T207; Q5T208; Q86VV5
Molecular Weight	76,744 Da
NCBI Official Full Name	nicastrin isoform 1
NCBI Official Synonym Full Names	nicastrin
NCBI Official Symbol	NCSTN
NCBI Official Synonym Symbols	ATAG1874
NCBI Protein Information	nicastrin; anterior pharynx-defective 2
UniProt Protein Name	Nicastrin
UniProt Gene Name	NCSTN
UniProt Synonym Gene Names	KIAA0253
UniProt Entry Name	NICA_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/nicastrin-antibody-immunoprecipitation-western-blot-elisa/212710>