

Rabbit NRSN1 Polyclonal Antibody | anti-NRSN1 antibody

NRSN1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324890	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

NRSN1; Polyclonal Antibody; NRSN1 Antibody; Neurensin-1; Neuro-p24; NRSN1_HUMAN; p24; Vesicular membrane protein of 24 kDa; Vesicular membrane protein p24; VMP; anti-NRSN1 antibody

PRODUCT SPECIFICATIONS

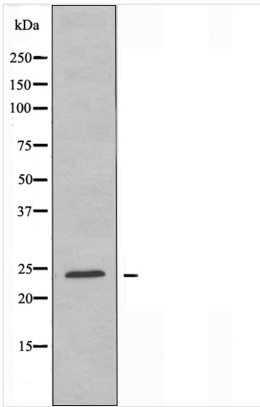
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NRSN1 antibody detects endogenous levels of total NRSN1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	195
Applicable Applications for anti-NRSN1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Membrane. Localizes mainly to neurites.
Tissue Specificity	Expressed in brain. Not detectable in other tissues tested.
Predicted Cross Reactivity	Bovine, Horse, Sheep, Rabbit
Similarity	Bovine (89%), Horse (80%), Sheep (89%), Rabbit (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324890 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using NRSN1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NRSN1 antibody

Function: May play an important role in neural organelle transport, and in transduction of nerve signals or in nerve growth. May play a role in neurite extension. May play a role in memory consolidation (By similarity).
Similarity: Belongs to the VMP family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	189217874
NCBI GeneID	140767
NCBI Accession #	NP_542454.3
NCBI GenBank Nucleotide #	NM_080723.4
UniProt Accession #	Q8IZ57; Q8N8R6; Q96P21; B2RAV4
Molecular Weight	Observed: 25 kD Predicted: 22 kDa
NCBI Official Full Name	neurensin-1
NCBI Official Synonym Full Names	neurensin 1
NCBI Official Symbol	NRSN1
NCBI Official Synonym Symbols	VMP; p24
NCBI Protein Information	neurensin-1
UniProt Protein Name	Neurensin-1
UniProt Gene Name	NRSN1
UniProt Synonym Gene Names	Vesicular membrane protein p24

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.