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Rabbit Anti-NRSN1 antibody

SL11915R

Product Name:	NRSN1
Chinese Name:	神经囊泡膜蛋白1抗体
Alias:	Neurensin-1; Neuro-p24; NRSN1; NRSN1_HUMAN; p24; Vesicular membrane protein of 24 kDa; Vesicular membrane protein p24; VMP.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	21kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NRSN1:101-195/195
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Neurensin-1 (NRSN1), also designated Vesicular membrane protein of 24 kDa (VMP) or Neuro-p24, is a 195 amino acid multi-pass membrane protein belonging to the VMP family that is involved in the transport of neural organelle transport and in the transduction of nerve signals or in nerve growth. Expressed solely in brain, Neurensin-1 is also thought to play a role in neurite extension. The gene encoding Neurensin-2 maps to human chromosome 6, which contains around 1,200 genes within 170 million base

pairs of sequence. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer suggesting the presence of a cancer susceptibility locus. Porphyria cutanea tarda, Parkinson's disease, Stickler syndrome, 21-hydroxylase deficiency and maple syrup urine disease are also associated with genes on chromosome 6.

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.

Subcellular Location:
Membrane. Localizes mainly to neurites.

Tissue Specificity:
Expressed in brain. Not detectable in other tissues tested.

Similarity:
Belongs to the VMP family.

SWISS:
Q8IZ57

Gene ID:
140767

Database links:

Entrez Gene: 140767Human

Entrez Gene: 22360Mouse

Entrez Gene: 291129Rat

SwissProt: Q8IZ57Human

SwissProt: P97799Mouse

Unigene: 726270Human

Unigene: 4766Mouse

Unigene: 225156Rat

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.