

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.

Research Area Cell biology Developmental biology Neurobiology Signal transduction The cell membrane 蛋白

Immunogen Species Rabbit

Clonality Polyclonal

React Species (predicted: Human, Mouse, Rat, Horse, Rabbit,)
IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000

Applications (Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 21kDa

Cellular localization The cell membrane

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human NRSN1: 101-195/195

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

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

PubMed [PubMed](#)

Product Neurensin-1 (NRSN1), also designated Vesicular membrane protein of 24 kDa (VMP) or

Detail

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: 140767](#) Human

[Entrez Gene: 22360](#) Mouse

[Entrez Gene: 291129](#) Rat

[SwissProt: Q8IZ57](#) Human

[SwissProt: P97799](#) Mouse

[Unigene: 726270](#) Human

[Unigene: 4766](#) Mouse

[Unigene: 225156](#) Rat



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