

GEMIN2

Reactivity:Human Mouse Rat

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:1000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW:32kDa

Observed MW:Refer to Figures

Immunogen:

A synthetic peptide of human GEMIN2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

SIP1; SIP1-delta

Catalog #:A3082

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:8487

Isotype:IgG

Swiss Prot:O14893

Purity:Affinity purification

For research use only.

Background:

This gene encodes one of the proteins found in the SMN complex, which consists of several gemin proteins and the protein known as the survival of motor neuron protein. The SMN complex is localized to a subnuclear compartment called gems (gemini of coiled bodies) and is required for assembly of spliceosomal snRNPs and for pre-mRNA splicing. This protein interacts directly with the survival of motor neuron protein and it is required for formation of the SMN complex. A knockout mouse targeting the mouse homolog of this gene exhibited disrupted snRNP assembly and motor neuron degeneration.

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