Anti-Human/Mouse/Rat SNRPN Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA02528

3th Edition

Description: This gene is located within the Prader-Willi Syndrome critical region on chromosome 15 and is imprinted and expressed from the paternal allele. It encodes a component of the small nuclear ribonucleoprotein complex, which functions in pre-mRNA processing and may contribute to tissue-specific alternative splicing. Alternative promoter use and alternative splicing result in a multitude of transcript variants encoding the same protein. Transcript variants that initiate at the CpG island-associated imprinting center may be bicistronic and also encode the SNRPN upstream reading frame protein (SNURF) from an upstream open reading frame. In addition, long spliced transcripts for small nucleolar RNA host gene 14 (SNHG14) may originate from the promoters at this locus and share exons with this gene. Alterations in this region are associated with parental imprint switch failure, which may cause Angelman syndrome or Prader-Willi syndrome.SNRPN (Small Nuclear Ribonucleoprotein Polypeptide N) is a Protein Coding gene. Diseases associated with SNRPN include Prader-Willi Syndrome and Autistic Disorder. Among its related pathways are mRNA Splicing - Major Pathway and Gene Expression. GO annotations related to this gene include RNA binding. An important paralog of this gene is SNRPB.

Antigen: Synthesized peptide derived from the Internal region of human SNRPN.

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Expressed in brain and lymphoblasts.