

## Product datasheet for **TA362799**

### SNRPN Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SNRPN
Specificity:	<b>Expected reactivity:</b> Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	26 kDa
Gene Name:	small nuclear ribonucleoprotein polypeptide N
Database Link:	<a href="#">NP_003088.1</a> <a href="#">Entrez Gene 6638 Human</a> <a href="#">P63162</a>



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**Background:**

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.

**Synonyms:**

DKFZp686C0927; DKFZp686M12165; DKFZp761I1912; DKFZp762N022; FLJ33569; FLJ36996; FLJ39265; HCERN3; MGC29886; PWCR; RT-LI; SM-D; Sm-N; SMN; SNRNP-N; SNURF-SNRPN

**Protein Families:**

Stem cell - Pluripotency

**Product images:**