

Product datasheet for **AP31898PU-N**

Protein downstream neighbor of Son (DONSON) (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Western Blot: 1/200-1/5000. Immunohistochemistry: 1/100-1/2000.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide derived from C terminal part of Human DONSON protein.
Specificity:	This antibody recognizes DONSON.
Formulation:	0.1M Tris, 0.1M Glycine, 2% Sucrose State: Purified State: Lyophilized powder Preservative: None
Reconstitution Method:	Restore in distilled water
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	downstream neighbor of SON
Database Link:	Entrez Gene 29980 Human Q9NYP3



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Background:

The smallest of the human chromosomes, 21 makes up about 1.5% of the human genome. Chromosome 21 contains nearly 300 genes and 47 million base pairs. Down syndrome, also known as trisomy 21, is the disease most commonly associated with chromosome 21. The gene encoding DONSON (downstream neighbor of Son) is located on the long arm of chromosome 21 within 65 base pairs of the 3' end of the SON gene, which encodes a nuclear protein that represses Hep B virus promoter activity and transcription of HBV genes. DONSON is a 566 amino acid nuclear protein that has the ability to be phosphorylated and is possibly required for DNA amplification in the ovary. Also, it is probable that DONSON is needed for cell proliferation during development. There are three isoforms of DONSON which exist as a result of alternative splicing events.

Synonyms:

C21orf60