



# Anti-NBL1 (full length) polyclonal antibody (DPAB-DC1998)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene product is the founding member of the evolutionarily conserved CAN (Cerberus and DAN) family of proteins, which contain a domain resembling the CTCK (C-terminal cystine knot-like) motif found in a number of signaling molecules. These proteins are secreted, and act as BMP (bone morphogenetic protein) antagonists by binding to BMPs and preventing them from interacting with their receptors. They may thus play an important role during growth and development. Alternatively spliced transcript variants have been identified for this gene. Read-through transcripts between this locus and the upstream mitochondrial inner membrane organizing system 1 gene (GeneID 440574) have been observed.
<b>Immunogen</b>	NBL1 (AAH12037, 1 a.a. ~ 180 a.a) full-length recombinant protein with GST tag. The sequence is MLRVLVGAVLPAMLLAAPPINKLALFPDKSAWCEAKNITQIVGHSGCEAKSIQNRACLG QCFSYSVPNTFPQSTESLVHCDSCMPAQSMWEIVTLECPGHSEEVPRVDKLVEKILHCSCQ ACGKEPSHEGLSVYVQGEDGPGSQPGTHPHPHPHPHGGQTPEPEDPPGAPHTEEEGAED
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">NBL1 neuroblastoma 1, DAN family BMP antagonist [ Homo sapiens (human) ]</a>
Official Symbol	NBL1
Synonyms	NBL1; neuroblastoma 1, DAN family BMP antagonist; NB; DAN; NO3; DAND1; D1S1733E; neuroblastoma suppressor of tumorigenicity 1; DAN domain family member 1; differential screening-selected gene aberrant in neuroblastoma; neuroblastoma candidate region, suppression of tumorigenicity 1;
Entrez Gene ID	<a href="#">4681</a>
Protein Refseq	<a href="#">NP_001191013</a>
UniProt ID	<a href="#">P41271</a>
Chromosome Location	1p36.13
Function	BMP binding; morphogen activity; protein homodimerization activity;