

## DAN Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP02495
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NBL1. AA range:131-180
<b>Mol wt</b>	19277
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	DAN Antibody
<b>Synonyms</b>	NBL1; DAN; DAND1; Neuroblastoma suppressor of tumorigenicity 1; DAN domain family member 1; Protein N03; Zinc finger protein DAN

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

NBL1 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 NBL1. Read-through transcripts between this locus and the upstream mitochondrial inner membrane organizing system 1 gene (GeneID 440574) have been observed.

### Recommended Dilution

WB: 1: 500 - 1: 2000

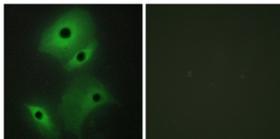
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

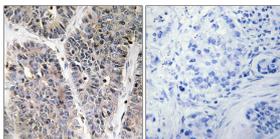
ELISA: 1: 20000

Not yet tested in other applications.

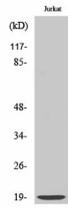
### Images



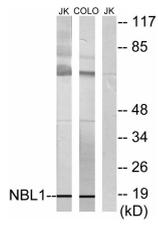
Immunofluorescence analysis of HeLa cells, using NBL1 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using NBL1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using DAN Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from Jurkat and COLO cells, using NBL1 Antibody. The lane on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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