
Product Name: DAN Rabbit Polyclonal Antibody**Catalog #: APRab09781**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
Molecular Weight	19kDa

Antigen Information

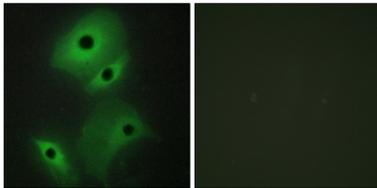
Gene Name	NBL1
Alternative Names	NBL1; DAN; DAND1; Neuroblastoma suppressor of tumorigenicity 1; DAN domain family member 1; Protein N03; Zinc finger protein DAN
Gene ID	4681.0
SwissProt ID	P41271
Immunogen	The antiserum was produced against synthesized peptide derived from human NBL1. AA range:131-180

Background

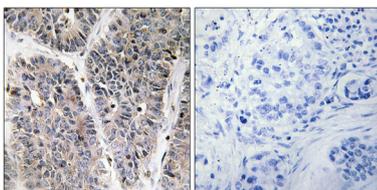
This gene product is the founding member of the evolutionarily conserved CAN (Cerberus and DAN) family of proteins, which contain a domain resembling the CTCK (C-terminal cystine knot-like) motif found in a number of signaling molecules. These proteins are secreted, and act as BMP (bone morphogenetic 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 (GenelD 440574) have been observed. [provided by RefSeq, May 2013],disease:Defects in NBL1 are possibly the cause of the development and/or progression of human neuroblastoma.,function:Possible candidate as a tumor suppressor gene of neuroblastoma. May play an important role in preventing cells from entering the final stage (G1/S) of the transformation process.,similarity:Belongs to the DAN family.,similarity:Contains 1 CTCK (C-terminal cystine knot-like) domain.,tissue specificity:Most abundant in normal lung and meningioma.,

Research Area

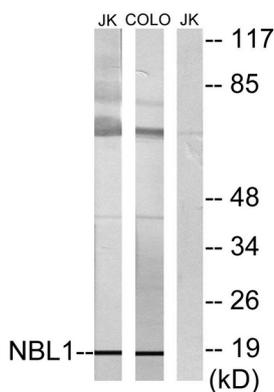
Image Data



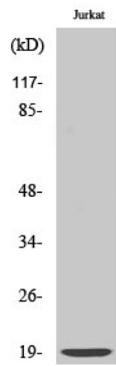
Immunofluorescence analysis of HeLa cells, using NBL1 Antibody. The picture on the right is blocked with the synthesized peptide.



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



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