



DAN Monoclonal Antibody

Catalog No	YP-mAb-15895
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	NBL1
Immunogen	The antiserum was produced against synthesized peptide derived from human NBL1. AA range:131-180
Specificity	DAN Monoclonal Antibody detects endogenous levels of DAN protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DAN;Deadenylating nuclease;Deadenylation nuclease;PARN;NBL1; Neuroblastoma suppressor of tumorigenicity 1;DAND1;DAN domain family member 1;Protein N03;Zinc finger protein DAN
Observed Band	19kD
Calculated Molecular Weight	19kD
Cell Pathway	Secreted.
Tissue Specificity	Most abundant in normal lung and meningioma.
Function	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.,



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 (GeneID 440574) have been observed. [provided by RefSeq, May 2013],

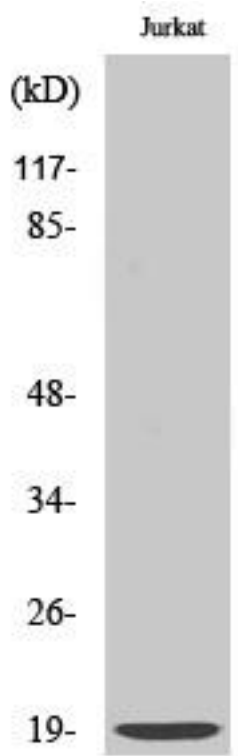
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using DAN Monoclonal Antibody