



Rabbit Anti-NBL1 antibody

SL6043R

Product Name NBL1**Chinese Name** 神经母细胞瘤抑制蛋白 1 抗体**Alias** DAN domain family member 1; DAN antibody DAND 1; DAND1; Differential screening selected gene aberrant in neuroblastoma; NB antibody NBL 1; Neuroblastoma candidate region suppression of tumorigenicity 1; Neuroblastoma suppression of tumorigenicity 1; Neuroblastoma suppressor of tumorigenicity 1; NO 3; NO3; Zinc finger protein DAN.**Research Area** Tumour Cell biology immunology Neurobiology**Immunogen Species** Rabbit**Clonality** Polyclonal**React Species** Mouse(predicted:Human,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit)**Applications** IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 (Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.**Theoretical molecular weight** 18kDa**Cellular localization** Secretory protein**Form** Liquid**Concentration** 1mg/ml**immunogen** KLH conjugated synthetic peptide derived from human NBL1/DAND1: 75-180/180**Lsotype** IgG**Purification** affinity purified by Protein A**Buffer Solution** 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.**Storage** Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.**Attention** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed

[PubMed](#)

NBL1 (Neuroblastoma, suppression of tumorigenicity 1) is a candidate tumor suppressor of neuroblastoma and may play a role in preventing cells from entering the final stage (G1/S) of the transformation process. NBL1 is a 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. It is a member of a class of glycoproteins shown to be secreted inhibitors of the transforming growth factor-beta (TGF-beta) and bone morphogenic protein pathways.

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.

Subcellular Location:

Secreted.

Tissue Specificity:

Most abundant in normal lung and meningioma.

**Product
Detail**

Similarity:

Belongs to the DAN family.

Contains 1 CTCK (C-terminal cystine knot-like) domain.

SWISS:

P41271

Gene ID:

4681

Database links:

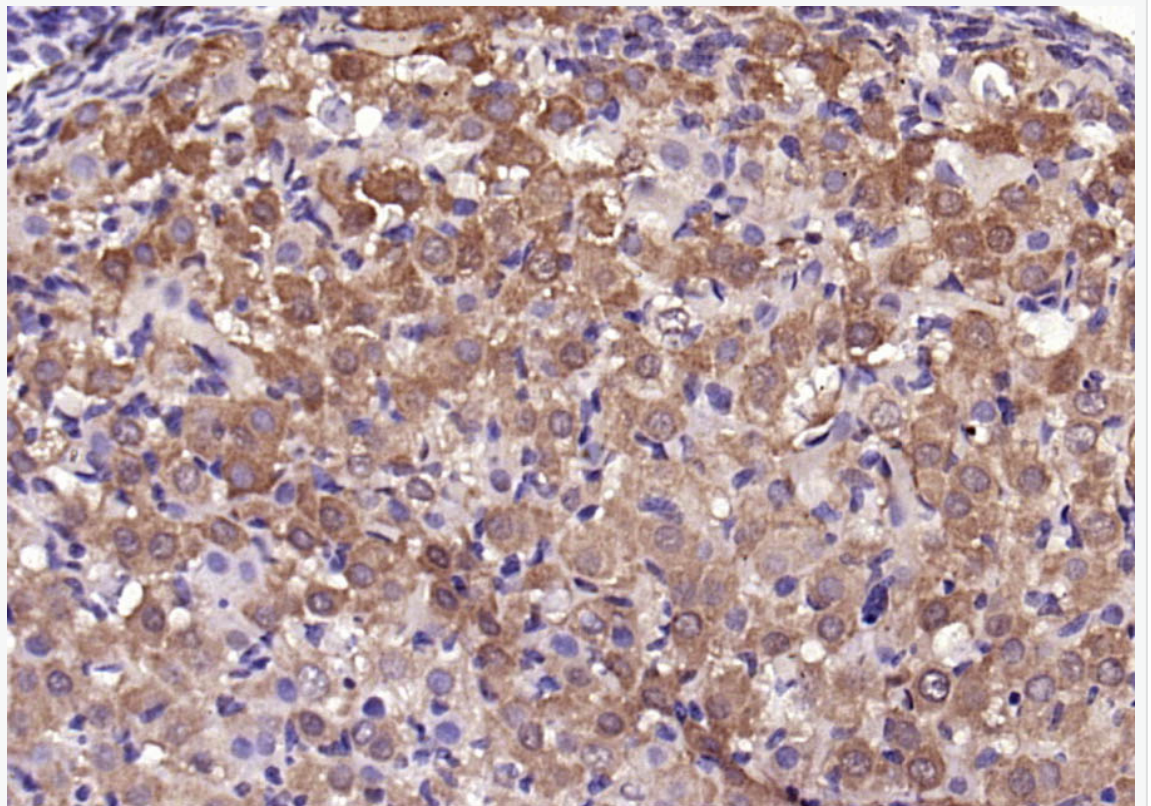
[Entrez Gene: 4681](#) Human

[Omim: 600613](#) Human

[SwissProt: P41271](#) Human

[Unigene: 654502](#) Human

**Product
Picture**



Paraformaldehyde-fixed, paraffin embedded (mouse ovary); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NBL1) Polyclonal Antibody, Unconjugated (SL6043R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.