



Rabbit Anti-LNX2 antibody

SL18321R

Product Name:	LNX2
Chinese Name:	LNX2蛋白抗体
Alias:	FLJ12933; FLJ23932; FLJ38000; Ligand of Numb protein X 2; LNX 2; LNX2; LNX2_HUMAN; MGC46315; Numb binding protein 2; Numb-binding protein 2; PDZ domain containing ring finger 1; PDZ domain containing RING finger protein 1; PDZ domain-containing RING finger protein 1; PDZRN 1; PDZRN1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	76kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human LNX2:401-500/690
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	LNX2 (LIGAND OF NUMB PROTEIN X2, PDZ DOMAIN-CONTAINING RING FINGER PROTEIN 1, PDZRN1), which interacts with mammalian Numb and Numbl, contains a RING finger domain, followed by a motif similar to a PTB-binding motif and 4 PDZ domains. Lnx2 and Lnx1 (a proposed relative) are multimodular proteins that

bind Numb, a cell fate determinant, through their NPXY motifs. Studies may suggest that Lnx proteins act as molecular scaffolds that promote the aggregation of unrelated, interacting proteins, such as Numb, to definitive subcellular sites. The LNX2 gene maps to chromosome 13q12.2 based on an alignment of the LNX2 sequence with the genomic sequence. Lnx proteins may form large networks by homomeric binding, and their expression patterns overlap with those of the Numb proteins. Furthermore, studies also suggest that the oligomerization of Lnx2 and Numb binding occurs simultaneously.

Subunit:

Interacts with the phosphotyrosine interaction domain of NUMB.

Similarity:

Contains 4 PDZ (DHR) domains.

Contains 1 RING-type zinc finger.

SWISS:

Q8N448

Gene ID:

222484

Database links:

[Entrez Gene: 222484](#) Human

[Omim: 609733](#) Human

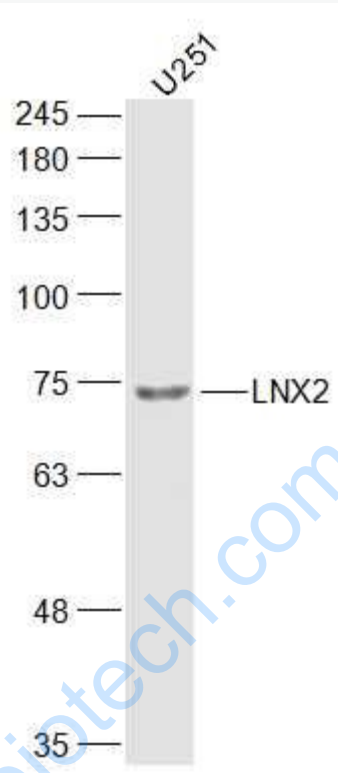
[SwissProt: Q8N448](#) Human

[Unigene: 132359](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

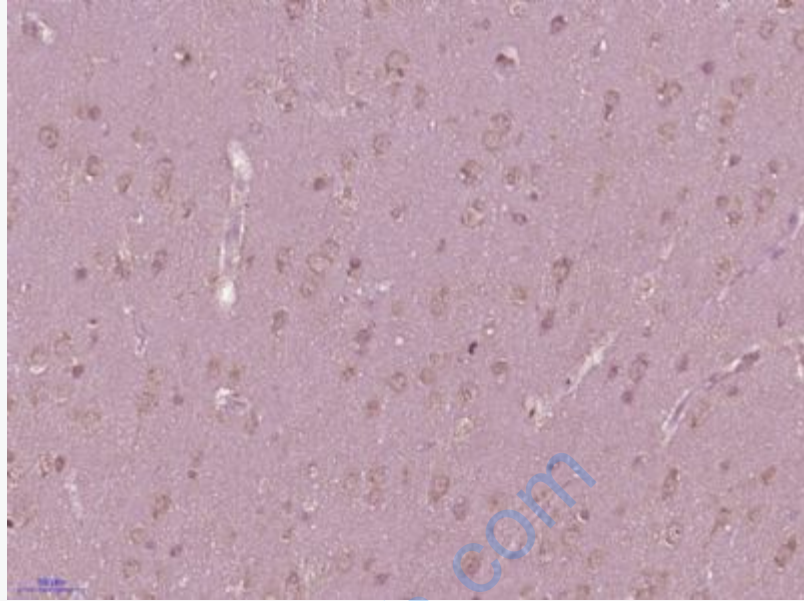
U251(Human) Cell Lysate at 30 ug

Primary: Anti-LNX2 (SL18321R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 76 kD

Observed band size: 76 kD



Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); 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 (LNX2) Polyclonal Antibody, Unconjugated (SL18321R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.