



## Rabbit Anti-LNX1 antibody

SL18320R

<b>Product Name:</b>	LNX1
<b>Chinese Name:</b>	E3Ubiquitin蛋白连接酶LNX抗体
<b>Alias:</b>	E3 ubiquitin protein ligase LNX; Ligand of Numb protein X 1; Ligand of numb protein X 1 E3 ubiquitin protein ligase; LNX; LNX1; LNX1_HUMAN; MPDZ; Multi PDZ domain containing protein E3 ubiquitin protein ligase LNX; Numb binding protein 1; PDZ domain-containing ring finger protein 2; PDZRN2.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Cow,Horse,Sheep,
<b>Applications:</b>	ELISA=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.
<b>Molecular weight:</b>	81kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human LNX1:101-200/728
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	This gene encodes a membrane-bound protein that is involved in signal transduction and protein interactions. The encoded product is an E3 ubiquitin-protein ligase, which mediates ubiquitination and subsequent proteasomal degradation of proteins containing phosphotyrosine binding (PTB) domains. This protein may play an important role in

tumorigenesis. Alternatively spliced transcript variants encoding distinct isoforms have been described. A pseudogene, which is located on chromosome 17, has been identified for this gene. [provided by RefSeq, Jul 2008]

**Function:**

Lnx1 is a membrane-bound protein that is involved in signal transduction and protein interactions. Lnx1 is an E3 Ubiquitin ligase protein that mediates ubiquitination and subsequent proteasomal degradation of proteins containing phosphotyrosine binding (PTB) domains. E3 ubiquitin ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Lnx1 mediates ubiquitination of isoform p66 and isoform p72 of NUMB, but not that of isoform p71 or isoform p65.

**Subunit:**

Interacts with the phosphotyrosine interaction domain of all isoforms of NUMB By similarity. Interacts with MAGEB18 and MAGEF1. Interacts with the Coxsackievirus and adenovirus receptor CXADR. Interacts with endogenous retrovirus K protein Np9. IGSF5/JAM4 interacts with isoform 2 through the second PDZ domain, other isoforms may also interact with IGSF5/JAM4

**Subcellular Location:**

Cytoplasmic

**Tissue Specificity:**

Expressed in heart, placenta, kidney, pancreas and brain.

**Similarity:**

Contains 4 PDZ (DHR) domains.  
Contains 1 RING-type zinc finger.

**SWISS:**

Q8TBB1

**Gene ID:**

84708

**Database links:**

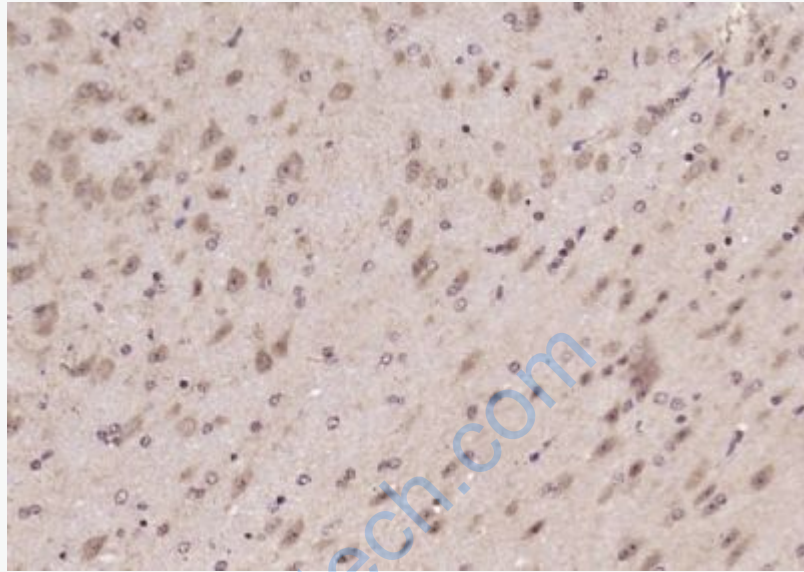
[Entrez Gene: 84708](#) Human

[Omim: 609732](#) Human

[SwissProt: Q8TBB1](#) Human

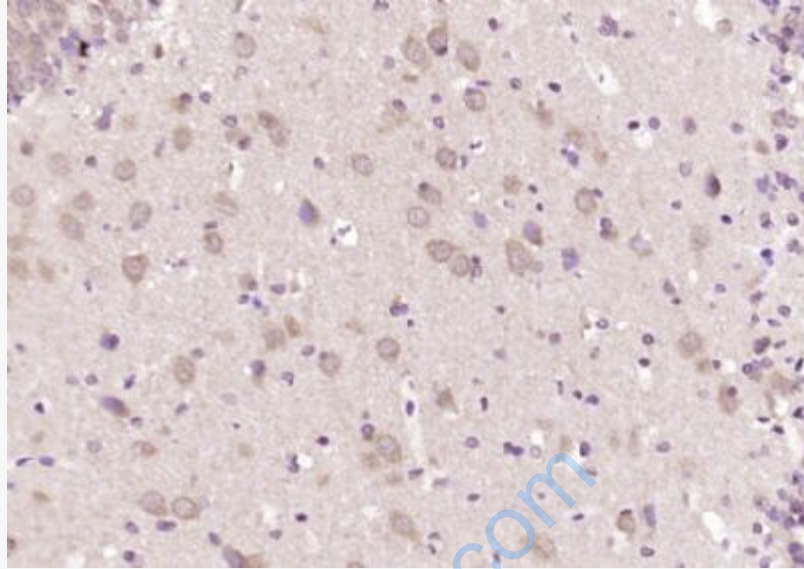
**Important Note:**

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



**Picture:**

Paraformaldehyde-fixed, paraffin embedded (mouse brain); 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 (LNx1) Polyclonal Antibody, Unconjugated (SL18320R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain); 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 (LNx1) Polyclonal Antibody, Unconjugated (SL18320R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.