

LNX1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57038**Specification****LNX1 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q8TBB1
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	81 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LNX1
Epitope Specificity	101-200/728
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasmic
SIMILARITY	Contains 4 PDZ (DHR) domains. Contains 1 RING-type zinc finger.
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
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

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]

LNX1 Polyclonal Antibody - Additional Information**Gene ID 84708**

Other Names

E3 ubiquitin-protein ligase LNX, 2.3.2.27, Ligand of Numb-protein X 1, Numb-binding protein 1, PDZ domain-containing RING finger protein 2, RING-type E3 ubiquitin transferase LNX, LNX1, LNX, PDZRN2

Target/Specificity

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

Dilution

IHC-P~~N/A
IHC-F~~N/A
IF~~1:50~200
ICC~~N/A
E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

LNX1 Polyclonal Antibody - Protein Information

Name LNX1

Synonyms LNX, PDZRN2

Function

E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent proteasomal degradation of NUMB. 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. Mediates ubiquitination of isoform p66 and isoform p72 of NUMB, but not that of isoform p71 or isoform p65.

Cellular Location

Cytoplasm.

Tissue Location

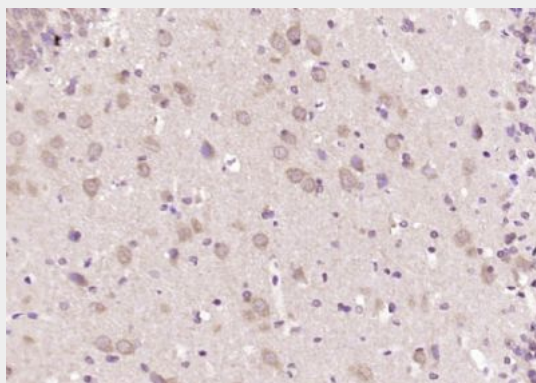
Expressed in heart, placenta, kidney, pancreas and brain.

LNX1 Polyclonal Antibody - Protocols

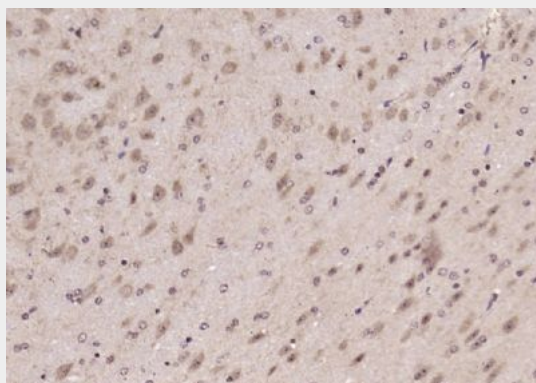
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LNX1 Polyclonal Antibody - Images



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 (LN18320R) Polyclonal Antibody, Unconjugated (bs-18320R) 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 (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 (LN18320R) Polyclonal Antibody, Unconjugated (bs-18320R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.