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LNX1 Rabbit pAb

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Catalog # AP57038

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8TBB1
Reactivity	Rat, Mouse
Predicted	Human, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	80629
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
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 tumorogenesis. 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]

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
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

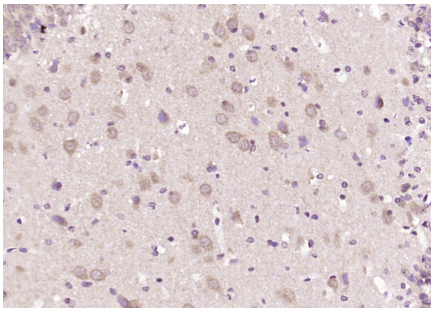
Protein Information

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.

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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 (LNX1) Polyclonal Antibody, Unconjugated (AP57038) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.