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LNX2 Rabbit pAb

Catalog # AP96839

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q8N448
Other Accession	Q8N448
Reactivity	Human
Predicted	Rat, Mouse, Rabbit, Chicken, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	76004
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LNX2
Epitope Specificity	401-500/690
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 4 PDZ (DHR) domains. Contains 1 RING-type zinc finger.
SUBUNIT	Interacts with the phosphotyrosine interaction domain of NUMB.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	222484
Other Names	PDZRN1; LNX2_HUMAN; LNX2; Numb-binding protein 2; PDZ domain-containing RING finger protein 1; ligand of numb-protein X 2; PDZ domain containing ring finger 1
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

Storage	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	LNX2
Synonyms	PDZRN1

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