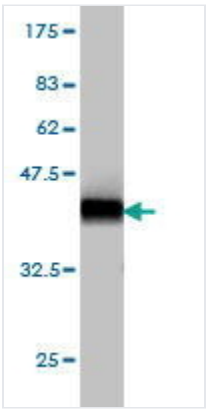
LNX2 Antibody – Mouse Monoclonal

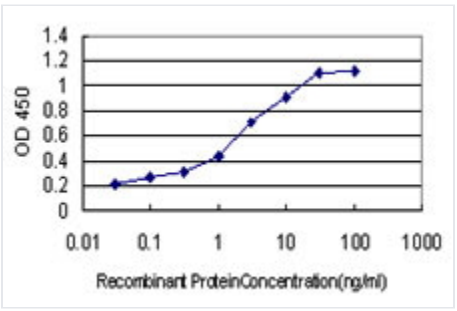
PRODUCT OVERVIEW

Product Name	LNX2, Monoclonal Antibody
Full Product Name	LNX2 (PDZRN1, Ligand of Numb Protein X 2, Numb-binding Protein 2, PDZ Domain-containing RING Finger Protein 1, FLJ12933, FLJ23932, FLJ38000, MGC46315) APC
Product Gene Name	anti-LNX2 antibody
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	4F7
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human LNX2.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	75kDa
OMIM	609733
3D Structure	ModBase 3D Structure for Q8N448
Immunogen	Partial recombinant protein corresponding to aa1-101 from human LNX2 (NP_699202) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MGTTSDEMVSVEQTSSSSLNPLCFECGQQHWTRENHLYNYQNEVDDDLVCHICLQPLLQPLDTPCGHTFCYKCLRNFLQEKDFCPLDRKRLHFKLCKKS
Conjugate	APC
Product Categories/Family for anti-LNX2 antibody	Antibodies; Transcription Factors; Zinc (Ring) Finger
Applications Tested/Suitable for anti-LNX2 antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-LNX2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-LNX2 antibody	MBS6137429 is an antibody targeting LNX2. Also known as LNX2 (PDZRN1, Ligand of Numb Protein X 2, Numb-binding Protein 2, PDZ Domain-containing RING Finger Protein 1, FLJ12933, FLJ23932, FLJ38000, MGC46315) APC. Reactive in Human. Host: Mouse. Interacts with the phosphotyrosine interaction domain of NUMB.

Other Notes	Small volumes of anti-LNX2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-LNX2 antibody
Western Blot detection against Immunogen (37.11kD).



Testing Data of anti-LNX2 antibody
Detection limit for recombinant GST tagged LNX2 is ~0.03ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LNX2. It may not necessarily be applicable to this product.

NCBI GI #	24025688
NCBI GeneID	222484
NCBI Accession #	NP_699202
UniProt Primary Accession #	Q8N448
UniProt Related Accession #	Q8N448
GenBank Nucleotide #	NM_153371
NCBI Official Full Name	ligand of Numb protein X 2
NCBI Official Synonym Full Names	ligand of numb-protein X 2
NCBI Official Symbol	LNX2
NCBI Official Synonym Symbols	PDZRN1
UniProt Protein Name	Ligand of Numb protein X 2
UniProt Synonym Protein Names	Numb-binding protein 2; PDZ domain-containing RING finger protein 1
Protein Family	Ligand of Numb protein
UniProt Gene Name	LNX2
UniProt Synonym Gene Names	PDZRN1
UniProt Entry Name	LNX2_HUMAN
NCBI Protein Information	ligand of Numb protein X 2

UniProt Comments for LNX2	Subunit structure: Interacts with the phosphotyrosine interaction domain of NUMB By similarity. Domain: The NPXY motif is required for the interaction with the PID domain of NUMB. It is however not sufficient. Sequence similarities: Contains 4 PDZ (DHR) domains.Contains 1 RING-type zinc finger. Sequence caution: The sequence BAD18754.1 differs from that shown. Reason: Erroneous initiation.
Research Articles on LNX2	**1.** FOXC2 or its associated gene expression program may provide an effective target for anti-EMT-based therapies for the treatment of claudin-low/basal B breast tumors or other EMT-/CSC-enriched tumors
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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