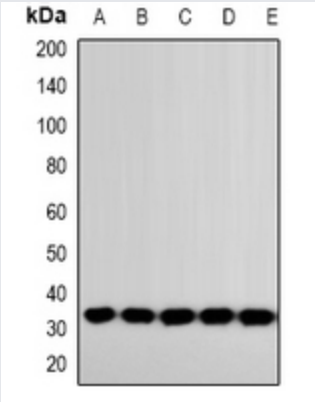
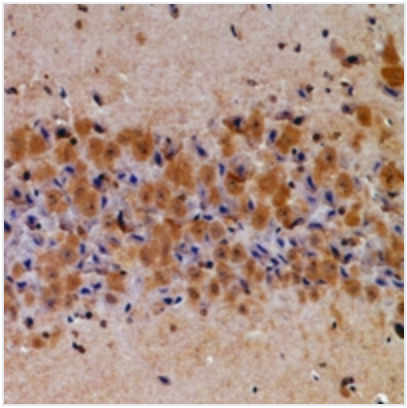
Latexin (LXN) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Latexin (LXN), Polyclonal Antibody
Full Product Name	Rabbit anti-Latexin Antibody
Product Gene Name	anti-LXN antibody
Product Synonym Names	Latexin; Endogenous carboxypeptidase inhibitor; ECI; Protein MUM; Tissue carboxypeptidase inhibitor; TCI
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Concentration	1mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.
Molecular Weight	25,750 Da
OMIM	609305
3D Structure	ModBase 3D Structure for Q9BS40
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Latexin. The exact sequence is proprietary.
Product Categories/Family for anti-LXN antibody	Primary antibodies
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for anti-LXN antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-LXN antibody	WB: 1:500-1:2000 IHC: 1:50-1:200
Related Product Information for anti-LXN antibody	MBS4509735 is an antibody targeting LXN. Also known as Rabbit anti-Latexin Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-LXN 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-LXN antibody
Western blot analysis of Latexin expression in 22RV1 (A), MCF7 (B), HT29 (C), BT474 (D), mouse heart (E) whole cell lysates.



Immunohistochemistry (IHC) of anti-LXN antibody
Immunohistochemical analysis of Latexin staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

ADDITIONAL DETAILS

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

NCBI GI #	194473714
NCBI GeneID	56925
NCBI Accession #	NP_064554.3
UniProt Primary Accession #	Q9BS40
UniProt Secondary Accession #	P70202; Q64361
UniProt Related Accession #	Q9BS40
GenBank Nucleotide #	NM_020169.3
NCBI Official Full Name	latexin
NCBI Official Synonym Full Names	latexin
NCBI Official Symbol	LXN
NCBI Official Synonym Symbols	ECI; TCI
UniProt Protein Name	Latexin
UniProt Synonym Protein Names	Endogenous carboxypeptidase inhibitor; ECI; Protein MUM; Tissue carboxypeptidase inhibitor; TCI
Protein Family	Latexin
UniProt Gene Name	LXN
UniProt Synonym Gene Names	ECI; TCI
UniProt Entry Name	LXN_HUMAN
NCBI Protein Information	latexin; MUM; endogenous carboxypeptidase inhibitor; tissue carboxypeptidase inhibitor
NCBI Summary for LXN	This gene encodes the only known protein inhibitor of zinc-dependent metallocarboxypeptidases. [provided by RefSeq, Oct 2008]

UniProt Comments for LXN	LXN: Hardly reversible, non-competitive, and potent inhibitor of CPA1, CPA2 and CPA4. Belongs to the protease inhibitor I47 (latexin) family. Chromosomal Location of Human Ortholog: 3q25.32 Cellular Component: cytoplasm Molecular Function: metalloendopeptidase inhibitor activity; heparin binding Biological Process: detection of temperature stimulus involved in sensory perception of pain; inflammatory response
Research Articles on LXN	**1.** latexin is markedly downregulated in hepatocellular carcinoma specimens, compared to adjacent non-cancerous tissues.
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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