

Rabbit anti-Human Latexin Polyclonal Antibody | anti-LXN antibody

Latexin Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290666	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

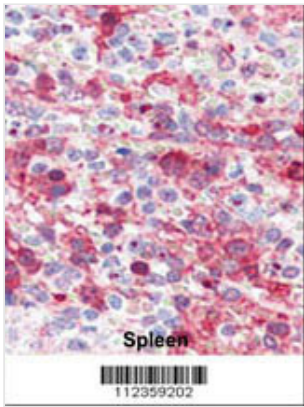
PRODUCT SYNONYMS

Latexin; Polyclonal Antibody; Latexin Antibody (N-term); Endogenous carboxypeptidase inhibitor; ECI; Protein MUM; Tissue carboxypeptidase inhibitor; TCI; LXN; anti-LXN antibody

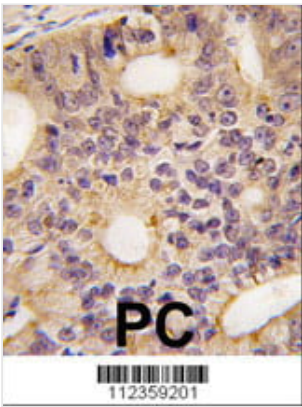
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Ig
Specificity	This Latexin antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 23-53 amino acids from the N-terminal region of human Latexin.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	222
Applicable Applications for anti-LXN antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Subtitle	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Cellular Location	Cytoplasm.
Tissue Location	Highly expressed in heart, prostate, ovary, kidney, pancreas, and colon, moderate or low in other tissues including brain.
Antigen Region	23-53 aa
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

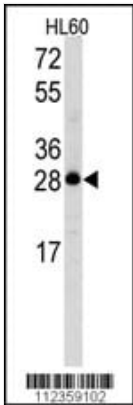
IMAGES



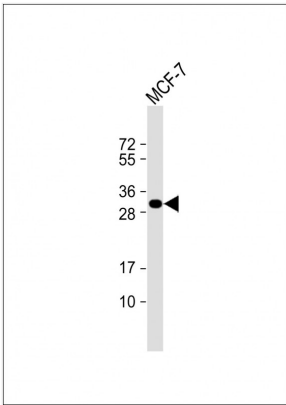
IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human Spleen tissue reacted with Latexin antibody (N-term) , which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human prostata carcinoma tissue reacted with Latexin antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of Latexin Antibody (N-term) in HL60 cell line lysates (35ug/lane). Latexin (arrow) was detected using the purified Pab.



WB (Western Blot)
Anti-Latexin Antibody (N-term) at 1:1000 dilution + MCF-7 whole cell lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 26 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-LXN antibody	Description: Latexin possesses nearly irreversible, non-competitive and potent inhibition of zinc-dependent metallocarboxypeptidases CPA1, CPA2, and CPA4. It is expressed in a neuronal subset in the cerebral cortex and cells in other neural and non-neural tissues of rat. Latexin plays a role in regional specification and/or morphogenesis of the forebrain. Background: Hardly reversible, non-competitive, and potent inhibitor of CPA1, CPA2 and CPA4. May play a role in inflammation.
Product Categories/Family for anti-LXN antibody	Primary Antibodies; Cell Biology; Immunology; Signal Transduction
References	Pallares,I., Proc. Natl. Acad. Sci. U.S.A. 102 (11), 3978-3983 (2005).

NCBI AND UNIPROT INFORMATION

NCBI GI #	194473714
NCBI GeneID	56925
NCBI Accession #	NP_064554.3
NCBI GenBank Nucleotide #	NM_020169.3

UniProt Accession #	Q9BS40; Q96PN2; Q9NQS6
Molecular Weight	25750 Da
NCBI Official Full Name	latexin
NCBI Official Synonym Full Names	latexin
NCBI Official Symbol	LXN
NCBI Official Synonym Symbols	ECI; TCI
NCBI Protein Information	latexin
UniProt Protein Name	Latexin
UniProt Gene Name	LXN
UniProt Synonym Gene Names	ECI; TCI
UniProt Entry Name	LXN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/latexin-antibody-immunohistochemistry-western-blot-elisa/290666>