

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

Latexin Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290365	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

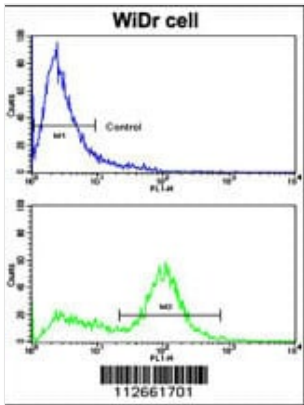
PRODUCT SYNONYMS

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

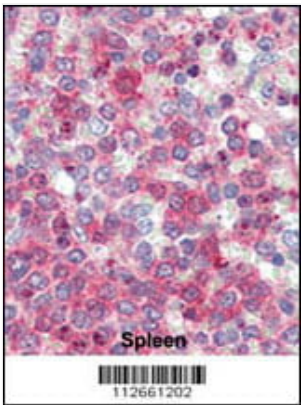
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Latexin antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 78-107 amino acids from the Central region of human Latexin.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
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.
Concentration	Vial Concentration: 0.49 (varies by lot)
Sequence Positions	78-107
Sequence Length	222
Applicable Applications for anti-LXN antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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.

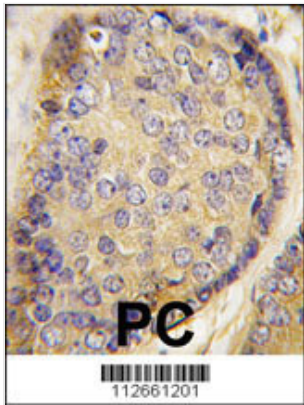
IMAGES



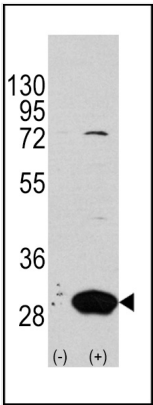
FCM/FACS (Flow Cytometry)
Flow cytometric analysis of WiDr cells using Latexin Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human Spleen tissue reacted with Latexin antibody (Center) , 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 (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human prostata carcinoma tissue reacted with Latexin antibody (Center) , 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 (arrow) using rabbit polyclonal Latexin Antibody (Center) (RB12661). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the LXN gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-LXN antibody	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.
Product Categories/Family for anti-LXN antibody	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
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-flow-cytometry-immunohistochemistry-western-blot-elisa/290365>