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

LXN Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA290723** | **Rabbit** | **Human** | **ELISA, Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot** |

## PRODUCT SYNONYMS

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

## PRODUCT SPECIFICATIONS

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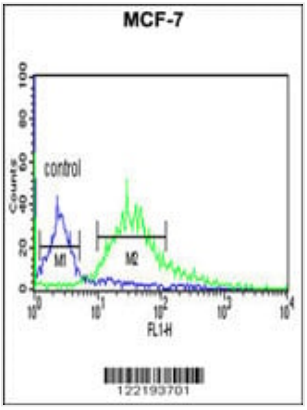
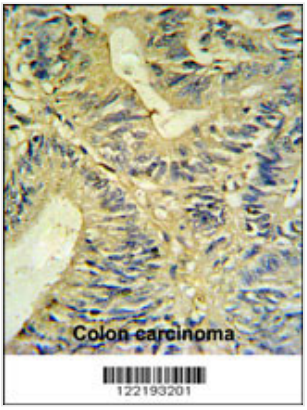
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Clonality** | Polyclonal |
| **Isotype** | Ig |
| **Specificity** | This LXN antibody is generated from rabbits immunized with human LXN recombinant protein. |
| **Form/Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) 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, FCM/FACS (Flow Cytometry), 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 Type** | Recombinant Protein |
| **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. |

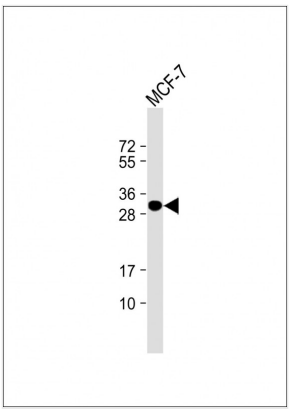
## IMAGES




**FCM/FACS (Flow Cytometry)**
LXN Antibody flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.




**IHC (Immunohiostchemistry)**
LXN Antibody IHC analysis in formalin fixed and paraffin embedded colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the LXN Antibody for immunohistochemistry. Clinical relevance has not been evaluated.




**WB (Western Blot)**
Anti-LXN Antibody 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

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| **Related Product Information for anti-LXN antibody** | Description: LXN encodes the only known protein inhibitor of zinc-dependent metallocarboxypeptidases.<br><br>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., et al. Proc. Natl. Acad. Sci. U.S.A. 102 (11):3978-3983 (2005). Liu, Q., et al. Mol. Biol. Rep. 27 (4):241-246 (2000). |

## 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/lxn-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/290723