

**LXN Antibody**  
**Mouse Monoclonal Antibody (Mab)**  
**Catalog # AM1879b**

**Specification**

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**LXN Antibody - Product Information**

Application	WB,E
Primary Accession	<a href="#">O9BS40</a>
Other Accession	<a href="#">NP_064554.3</a>
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,K

**LXN Antibody - Additional Information**

**Gene ID** 56925

**Other Names**

Latexin, Endogenous carboxypeptidase inhibitor, ECI, Protein MUM, Tissue carboxypeptidase inhibitor, TCI, LXN

**Target/Specificity**

This LXN monoclonal antibody is generated from mouse immunized with LXN recombinant protein.

**Dilution**

WB~~1:250

**Format**

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

LXN Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**LXN Antibody - Protein Information**

**Name** LXN

**Function** Hardly reversible, non-competitive, and potent inhibitor of CPA1, CPA2 and CPA4. May play a role in inflammation.

**Cellular Location**

Cytoplasm.

### Tissue Location

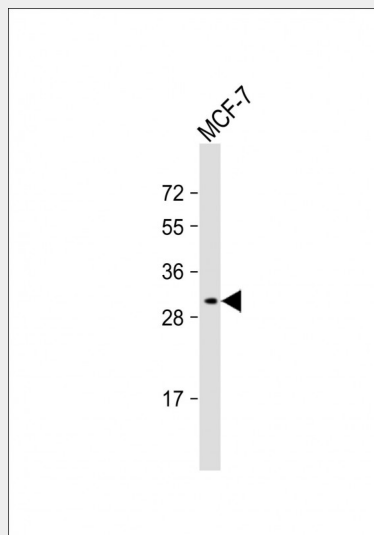
Highly expressed in heart, prostate, ovary, kidney, pancreas, and colon, moderate or low in other tissues including brain

### LXN Antibody - Protocols

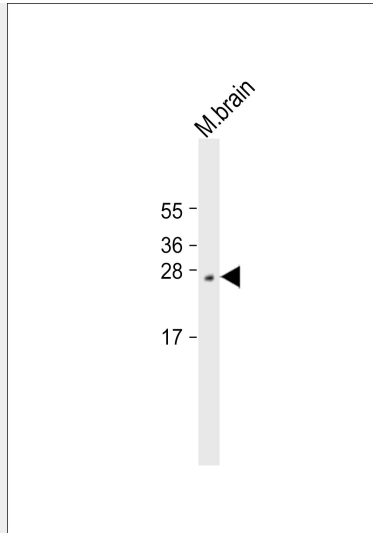
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### LXN Antibody - Images



Anti-LXN Antibody at 1:1000 dilution + MCF-7 whole cell lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 26 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



"Anti-LXN Antibody at 1:250 dilution + mouse brain lysate Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 25750 Da Blocking/Dilution buffer: 5% NFDN/TBST."

#### **LXN Antibody - Background**

This gene encodes the only known protein inhibitor of zinc-dependent metalloproteinases.

#### **LXN Antibody - References**

- Lamesch, P., et al. Genomics 89(3):307-315(2007)
- 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)