

# LXN Antibody

Mouse Monoclonal Antibody (Mab)

Catalog # AM1879b

## Product Information

---

<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q9BS40</a>
<b>Other Accession</b>	<a href="#">NP_064554.3</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1,K
<b>Clone Names</b>	199CT6.1.2
<b>Calculated MW</b>	25750

## Additional Information

---

<b>Gene ID</b>	56925
<b>Other Names</b>	Latexin, Endogenous carboxypeptidase inhibitor, ECI, Protein MUM, Tissue carboxypeptidase inhibitor, TCI, LXN
<b>Target/Specificity</b>	This LXN monoclonal antibody is generated from mouse immunized with LXN recombinant protein.
<b>Dilution</b>	WB~~1:100~500 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	LXN Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

---

<b>Name</b>	LXN
<b>Function</b>	Hardly reversible, non-competitive, and potent inhibitor of CPA1, CPA2 and CPA4. May play a role in inflammation.
<b>Cellular Location</b>	Cytoplasm.

## Tissue Location

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

## Background

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

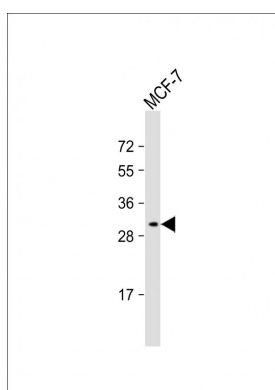
## References

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

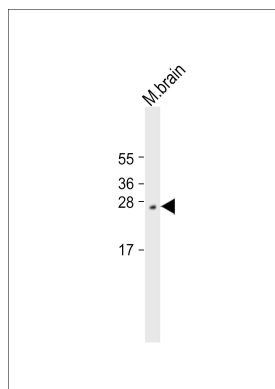
Pallares, I., et al. Proc. Natl. Acad. Sci. U.S.A. 102(11):3978-3983(2005)

Liu, Q., et al. Mol. Biol. Rep. 27(4):241-246(2000)

## Images



Anti-LXN Antibody at 1:1000 dilution + MCF-7 whole cell lysate Lysates/proteins at 20 µg 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% NFDm/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.