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LXN Antibody
Mouse Monoclonal Antibody (Mab)
Catalog # AM1879b

Specification

LXN Antibody - Product Information

Application	**WB,E**
Primary Accession	Q9BS40
Other Accession	NP_064554.3
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.

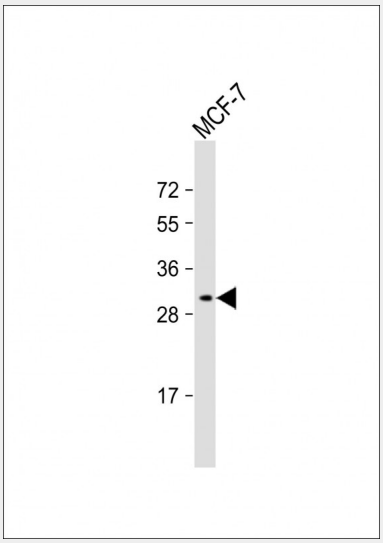
Tissue Location
Highly expressed in heart, prostate, ovary, kidney, pancreas, and colon, moderate or low in other tissues including brain

LXN Antibody - Protocols

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

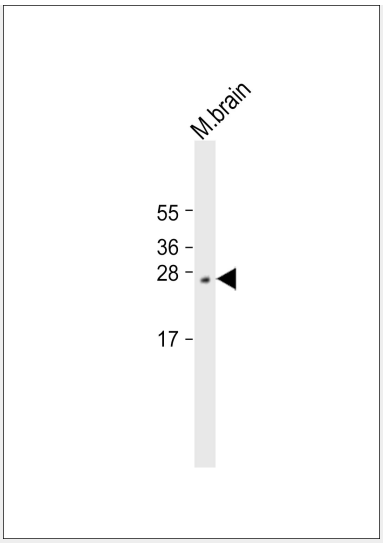
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LXN Antibody - 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.

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"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."

LXN Antibody - Background

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

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)