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LXN Antibody

Mouse Monoclonal Antibody (Mab)
Catalog # AM1879b

Product Information

Application	WB, E
Primary Accession	Q9BS40
Other Accession	NP_064554.3
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,K
Clone Names	199CT6.1.2
Calculated MW	25750

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~~1:100~500 E~~Use at an assay dependent concentration.
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.

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

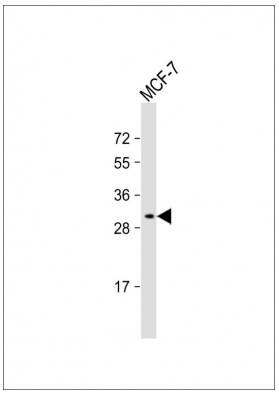
Background

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

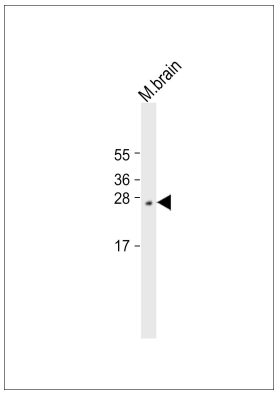
References

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'.