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Product datasheet for CF503644

LXN Mouse Monoclonal Antibody [Clone ID: OTI2G4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2G4
Applications:	IHC, WB
Recommended Dilution:	WB 1:500~2000, IHC 1:150
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human reocmbinant protein of human LXN(NP_064554) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	25.6 kDa
Gene Name:	Homo sapiens latexin (LXN), mRNA.
Database Link:	NP_064554 Entrez Gene 17035 MouseEntrez Gene 56925 Human Q9BS40
Background:	This gene encodes the only known protein inhibitor of zinc-dependent metallocarboxypeptidases. [provided by RefSeq]

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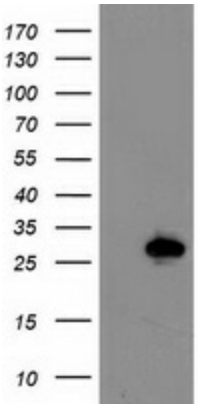
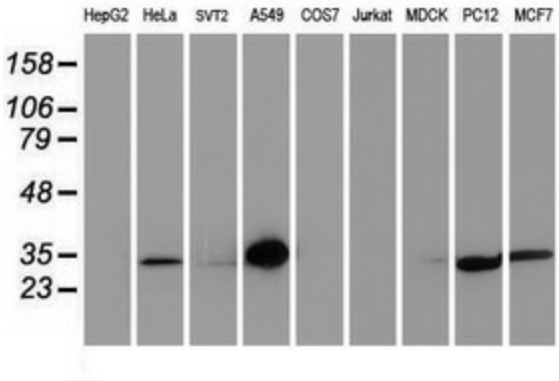
Synonyms: ECI; TCI

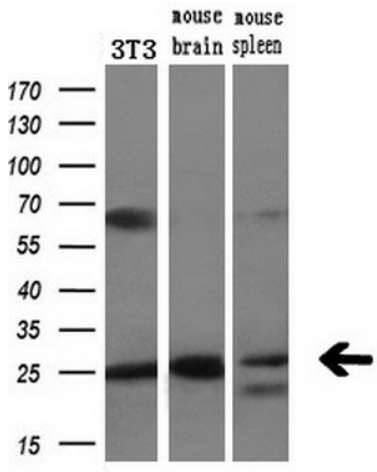
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY LXN ([RC202769], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-LXN. Positive lysates [LY412596] (100ug) and [LC412596] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-LXN monoclonal antibody.



Western blot analysis of extracts (10ug) from a mouse cell line and 2 different mouse tissues by using anti-LXN monoclonal antibody (1:200).

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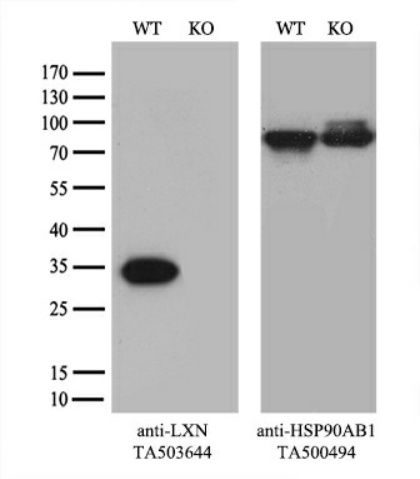
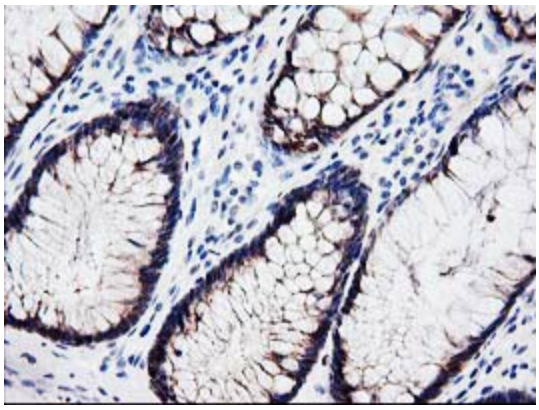
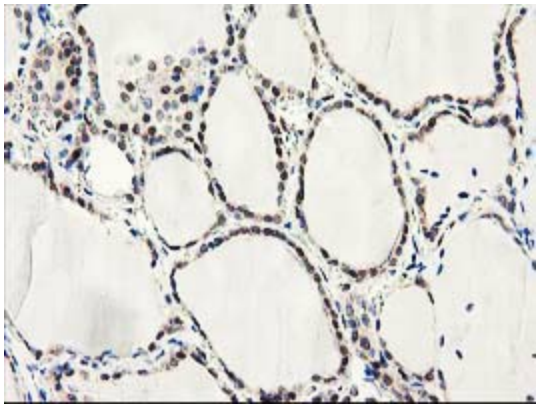


Equivalent amounts of cell lysates (10 ug per lane) of wild-type HeLa cells (WT, Cat# LC810HELA) and LXN-Knockout HeLa cells (KO, Cat# [LC812573]) were separated by SDS-PAGE and immunoblotted with anti-LXN monoclonal antibody [TA503644] (1:2000`). Then the blotted membrane was stripped and reprobed with anti-HSP90 antibody as a loading control.



Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-LXN mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503644])



Immunohistochemical staining of paraffin-embedded Human thyroid tissue within the normal limits using anti-LXN mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503644])

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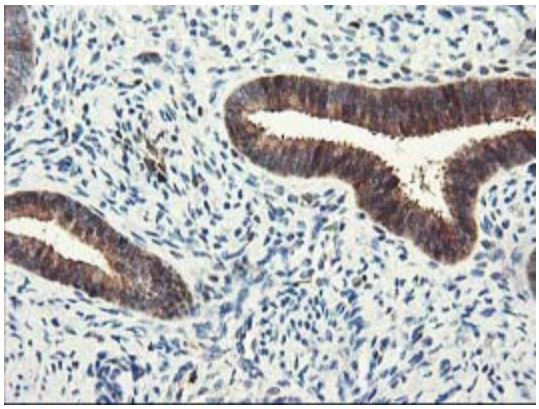
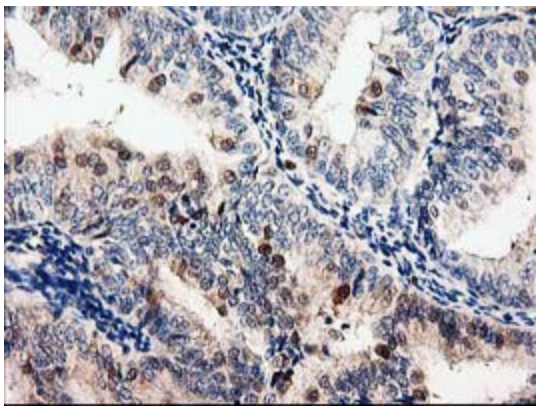
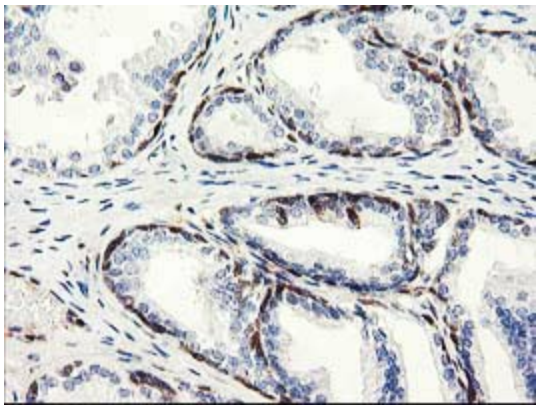


Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-LXN mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503644])



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-LXN mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503644])



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-LXN mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503644])

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