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Anti-Latexin Antibody

Catalog # AP60855

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q9BS40
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25750

Additional Information

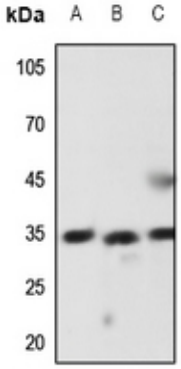
Gene ID	56925
Other Names	Latexin; Endogenous carboxypeptidase inhibitor; ECI; Protein MUM; Tissue carboxypeptidase inhibitor; TCI
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Latexin. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/2000), IHC (1/50 - 1/200) IHC~~WB (1/500 - 1/2000), IHC (1/50 - 1/200) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

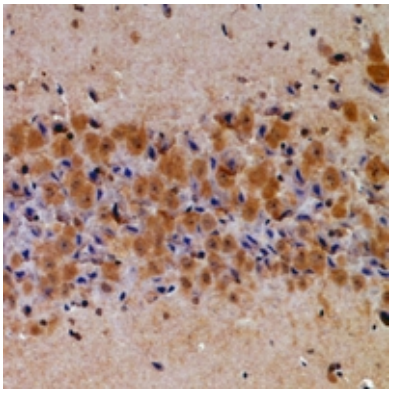
Name	LXN
Function	Hardly reversible, non-competitive, and potent inhibitor of CPA1, CPA2 and CPA4. May play a role in inflammation.
Cellular Location	Cytoplasm.
Tissue Location	Highly expressed in heart, prostate, ovary, kidney, pancreas, and colon, moderate or low in other tissues including brain

Images

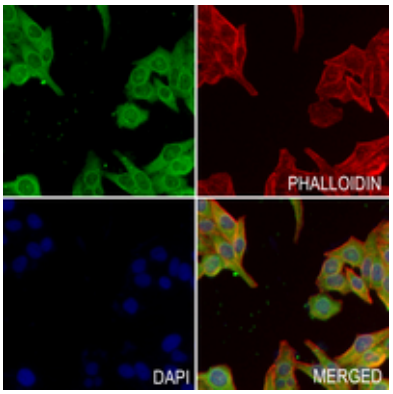
Western blot analysis of Latexin expression in Hela (A),



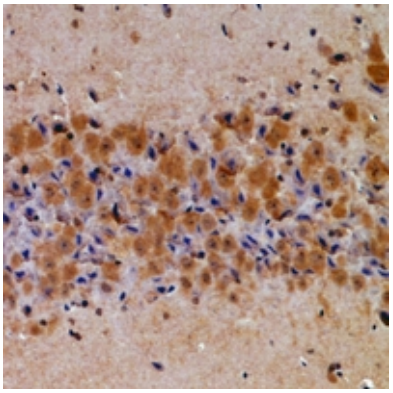
mouse liver (B), rat lung (C) whole cell lysates. (Predicted band size: 25 kD; Observed band size: 35 kD)



Immunohistochemical analysis of Latexin staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of Latexin staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



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