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LRPAP1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8529b

Product Information

Application	IHC-P, FC, WB, E
Primary Accession	P30533
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	41466
Antigen Region	281-309

Additional Information

Gene ID	4043
Other Names	Alpha-2-macroglobulin receptor-associated protein, Alpha-2-MRAP, Low density lipoprotein receptor-related protein-associated protein 1, RAP, LRPAP1, A2MRAP
Target/Specificity	This LRPAP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 281-309 amino acids from the C-terminal region of human LRPAP1.
Dilution	IHC-P~~1:100~500 FC~~1:10~50 WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
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	LRPAP1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	LRPAP1 (HGNC:6701)
Synonyms	A2MRAP
Function	Molecular chaperone for LDL receptor-related proteins that may regulate

their ligand binding activity along the secretory pathway.

Cellular Location

Rough endoplasmic reticulum lumen. Endoplasmic reticulum-Golgi intermediate compartment lumen. Golgi apparatus, cis- Golgi network. Golgi apparatus lumen. Endosome lumen. Cell surface. Note=May be associated with receptors at the cell surface.

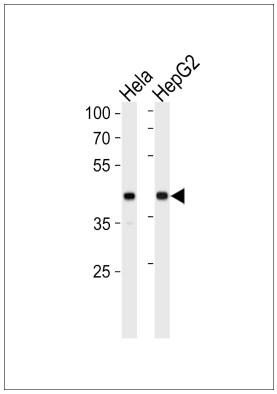
Background

LRPAP1 interacts with LRP1/alpha-2-macroglobulin receptor and glycoprotein 330.

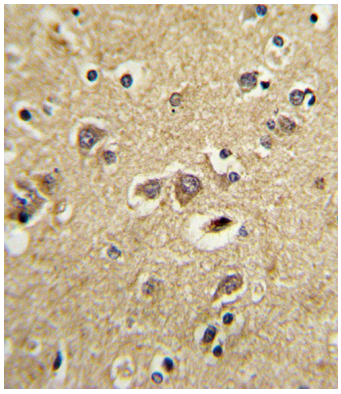
References

Lisi,S., et.al., J. Endocrinol. Invest. 30 (10), 839-843 (2007)
Vertegaal,A.C., et.al., Mol. Cell Proteomics 5 (12), 2298-2310 (2006)

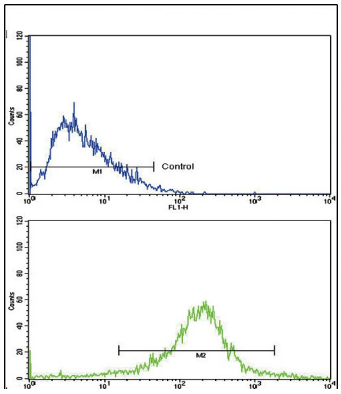
Images



LRPAP1 Antibody (C-term) (Cat. #AP8529b) western blot analysis in Hela,HepG2 cell line lysates (35ug/lane).This demonstrates the LRPAP1 antibody detected the LRPAP1 protein (arrow).



Formalin-fixed and paraffin-embedded human brain tissue with LRPAP1 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Flow cytometric analysis of HepG2 cells using LRPAP1 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Citations

- Primate-specific miR-603 is implicated in the risk and pathogenesis of Alzheimer\'s disease.

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