

LYPD1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP9745b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q8N2G4
Reactivity	Human, Mouse
Predicted	Rat, Rabbit, Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB24459
Calculated MW	15240
Antigen Region	93-122

Additional Information

Gene ID	116372
Other Names	Ly6/PLAUR domain-containing protein 1, Putative HeLa tumor suppressor, PHTS, LYPD1, LYPDC1
Target/Specificity	This LYPD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 93-122 amino acids from the C-terminal region of human LYPD1.
Dilution	WB~~1:1000 IHC-P~~1:100~500 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	LYPD1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	LYPD1
Synonyms	Lynx2 {ECO:0000303 PubMed:33019770}, LYP
Function	Believed to act as a modulator of nicotinic acetylcholine receptors (nAChRs)

activity. In vitro increases receptor desensitization and decreases affinity for ACh of alpha-4:beta-2- containing nAChRs. May play a role in the intracellular trafficking of alpha-4:beta-2 and alpha-7-containing nAChRs and may inhibit their expression at the cell surface. May be involved in the control of anxiety.

Cellular Location

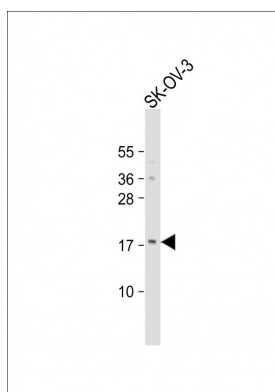
Cell membrane; Lipid-anchor, GPI- anchor

References

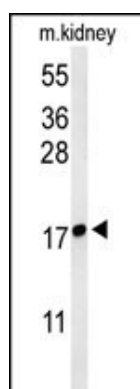
Yu, D.H., et al. Exp. Cell Res. 312(6):865-876(2006)

Choy, K.W., et al. Physiol. Genomics 25(1):9-15(2006)

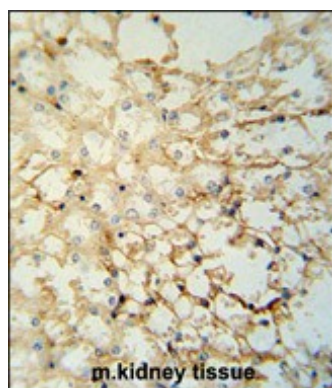
Images



Anti-LYPD1 Antibody (C-term) at 1:1000 dilution + SK-OV-3 whole cell lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 15 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Western blot analysis of LYPD1 Antibody (C-term) (Cat. #AP9745b) in mouse kidney tissue lysates (35ug/lane). LYPD1 (arrow) was detected using the purified Pab.



LYPD1 Antibody (C-term) (Cat. #AP9745b) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the LYPD1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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