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LYPD6B Antibody (Center) (Ascites)

Mouse Monoclonal Antibody (Mab)
Catalog # AM2160a

Product Information

Application	WB, E
Primary Accession	Q8NI32
Other Accession	Q9D7F2, NP_808879.2
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Names	634CT7.10.1
Calculated MW	20656
Antigen Region	79-108

Additional Information

Gene ID	130576
Other Names	Ly6/PLAUR domain-containing protein 6B, LYPD6B
Target/Specificity	This LYPD6B antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 79-108 amino acids from the Central region of human LYPD6B.
Dilution	WB~~1:500~4000 E~~Use at an assay dependent concentration.
Format	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.
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	LYPD6B Antibody (Center) (Ascites) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	LYPD6B
Function	Likely acts as a modulator of nicotinic acetylcholine receptors (nAChRs) activity (PubMed:26586467, PubMed:34631692). In vitro acts on nAChRs in a subtype- and stoichiometry-dependent manner (PubMed:26586467). Modulates specifically alpha-3(3):beta-4(2) nAChRs by enhancing the

	sensitivity to ACh, decreasing ACh-induced maximal current response and increasing the rate of desensitization to ACh; has no effect on alpha-7 homomeric nAChRs; modulates alpha-3(2):alpha- 5:beta-4(2) nAChRs in the context of CHRNA5/alpha-5 variant Asn-398 but not its wild-type sequence (PubMed:26586467). However, according to another report in vitro it can weakly inhibits alpha-7 nAChRs (PubMed:34631692).
Cellular Location	Cell membrane; Lipid-anchor, GPI- anchor

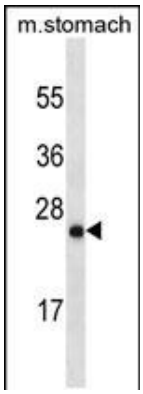
Background

The function of this protein is unknown.

References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Ni, J., et al. Mol. Biol. Rep. 36(4):697-703(2009)

Images



LYPD6B Antibody (Center)(Ascites)(Cat. #AM2160a) western blot analysis in mouse stomach tissue lysates (35µg/lane).This demonstrates the LYPD6B antibody detected the LYPD6B protein (arrow).

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