



LIPA4 mouse mAb

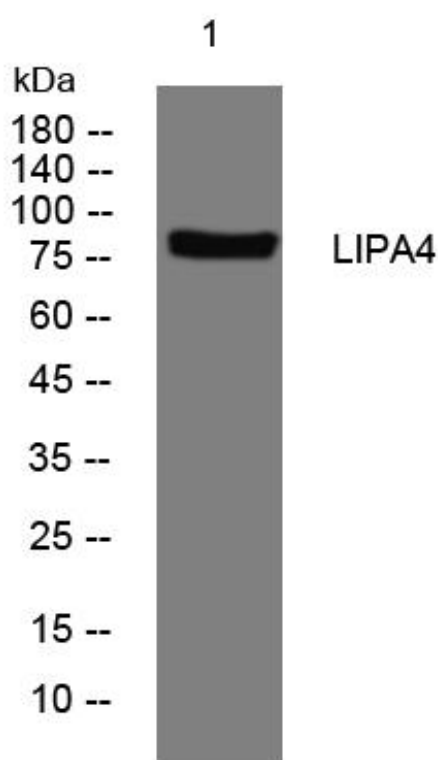
Catalog No	BYmab-08447
Isotype	IgG
Reactivity	Human;Rat
Applications	WB
Gene Name	PPFIA4 KIAA0897
Protein Name	LIPA4
Immunogen	Synthesized peptide derived from human LIPA4 AA range: 513-563
Specificity	This antibody detects endogenous levels of LIPA4 at Human/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Cytoplasm . Cell surface . Colocalizes with PTPRF at the cell surface. .
Tissue Specificity	Expressed only in the heart, brain, and skeletal muscle.
Function	domain:The N-terminal coiled coil regions mediate homodimerization preferentially and heterodimerization type alpha/alpha. The C-terminal, non-coiled coil regions mediate heterodimerization type alpha/beta and interaction with PTPRD, PTPRF and PTPRS.,function:May regulate the disassembly of focal adhesions. May localize receptor-like tyrosine phosphatases type 2A at specific sites on the plasma membrane, possibly regulating their interaction with the extracellular environment and their association with substrates.,similarity:Belongs to the liprin family. Liprin-alpha subfamily.,subcellular location:Colocalizes with PTPRF at the cell surface.,subunit:Forms homodimers and heterodimers with liprins-alpha and liprins-beta. Interacts with the second PTPase domain of PTPRD, PTPRF and PTPRS. Binds RIMS1, RIMS2, GIT1, KIF1A and GRIP1.,tiss

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Background	PPFIA4, or liprin-alpha-4, belongs to the liprin-alpha gene family. See liprin-alpha-1 (LIP1, or PPFIA1; MIM 611054) for background on liprins.[supplied by OMIM, Mar 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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