



LYPLA1 Monoclonal Antibody

Catalog No	YP-mAb-02664
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	LYPLA1
Immunogen	The antiserum was produced against synthesized peptide derived from human LYPLA1. AA range:51-100
Specificity	LYPLA1 Monoclonal Antibody detects endogenous levels of LYPLA1 protein.
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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EC:3.1.2.22;EC:3.1.2.-;APT-1;APT1;APT 1;LYPLA1;Acyl-protein thioesterase 1; LPL1;hAPT1;Lysophospholipase 1;Lysophospholipase I;LPL-I;LysoPLA I
Observed Band	25kD
Calculated Molecular Weight	25kD
Cell Pathway	Cytoplasm . Cell membrane . Nucleus membrane . Endoplasmic reticulum . Shows predominantly a cytoplasmic localization with a weak expression in the cell membrane, nuclear membrane and endoplasmic reticulum. .
Tissue Specificity	Platelets.
Function	catalytic activity:Palmitoyl-protein + H(2)O = palmitate + protein., function:Hydrolyzes fatty acids from S-acylated cysteine residues in proteins such as trimeric G alpha proteins or HRAS. Also has low lysophospholipase activity.,similarity:Belongs to the AB hydrolase 2 family.,subunit:Homodimer.,
Background	This gene encodes a member of the alpha/beta hydrolase superfamily. The encoded protein functions as a homodimer, exhibiting both depalmitoylating as well as lysophospholipase activity, and may be involved in Ras localization and signaling. Alternate splicing results in multiple transcript variants. Pseudogenes



of this gene have been defined on chromosomes 4, 6, and 7. [provided by RefSeq, Jul 2013],

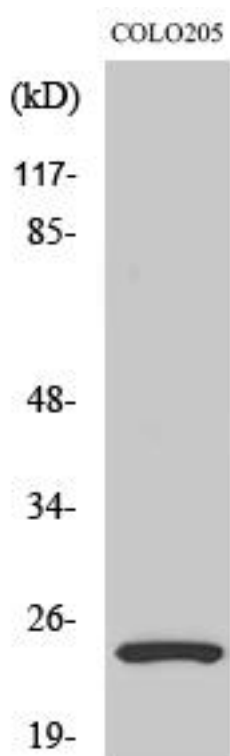
matters needing attention

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



Western Blot analysis of various cells using LYPLA1 Monoclonal Antibody