



Mouse anti-Human LYPLA1 monoclonal antibody, clone 4E6 (CABT-B10599)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	LYPLA1 (AAH08652, 66 a.a. ~ 152 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	4E6
Conjugate	Unconjugated
Applications	WB,IF,sELISA,ELISA
Sequence Similarities	NVAMPSWFDIIGLSPDSQEDESIGKQAAENIKALIDQEVKNGIPSNRIILGGFSQGGALS LYTALTTQQKLAGVTALSCWLPLRAS*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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
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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]

Keywords	LYPLA1; lysophospholipase I; APT1; LPL1; APT-1; LPL-I; hAPT1; acyl-protein thioesterase 1; lysoPLA I; lysophospholipid-specific lysophospholipase;
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GENE INFORMATION

Entrez Gene ID	10434
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UniProt ID	Q6IAQ1
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Pathway	Glycerophospholipid metabolism, organism-specific biosystem; Glycerophospholipid metabolism, conserved biosystem; Metabolism of nitric oxide, organism-specific biosystem; eNOS activation, organism-specific biosystem; eNOS activation and regulation, organism-specific biosystem
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Function	hydrolase activity; lysophospholipase activity; palmitoyl-(protein) hydrolase activity
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