

## Anti-LYPLA1 Antibody Picoband® FITC Conjugated

Catalog Number: A07249-2-FITC

### About LYPLA1

Acyl-protein thioesterase 1 is an enzyme that in humans is encoded by the LYPLA1 gene. 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.

### Overview

Product Name	Anti-LYPLA1 Antibody Picoband® FITC Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, IHC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% Na <sub>3</sub> N.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	O75608

### Technical Details

Immunogen	E.coli-derived human LYPLA1 recombinant protein (Position: H35-D230). Human LYPLA1 shares 91.8% and 92.3% amino acid (aa) sequence identity with mouse and rat LYPLA1, respectively.
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	FITC Excitation Wavelength: 495 nm Emission Wavelength: 525 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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