

Anti-LYPLA1 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A07249-2-Fluoro488

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® Fluoro488 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ 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	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

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