

ARG44432 anti-LYPLA1 antibody

Package: 50 µg
Store at: -20°C

Summary

| | |
|---------------------|--|
| Product Description | Rabbit Polyclonal antibody recognizes LYPLA1 |
| Tested Reactivity | Hu, Ms, Rat |
| Tested Application | FACS, IHC-P, WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | LYPLA1 |
| Species | Human |
| Immunogen | Human LYPLA1 recombinant protein |
| Conjugation | Un-conjugated |
| Alternate Names | LYPLA1; Lysophospholipase 1; APT-1; LPL1; Acyl-Protein Thioesterase 1; Lysophospholipase I; Palmitoyl-Protein Hydrolase; LysoPLA I; LPL-I; HAPT1; APT1 |

Application Instructions

| Application table | Application | Dilution |
|-------------------|-------------|--------------------------------|
| | FACS | 1-3 µg/1x10 ⁶ cells |
| | IHC-P | 2-5 µg/ml |
| | WB | 0.25-0.5 µg/ml |

Application Note The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

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| Form | Liquid |
| Purification | Affinity purified with Immunogen. |
| Buffer | 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 4% Trehalose. |
| Preservative | 0.05% Sodium azide |
| Stabilizer | 4% Trehalose |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

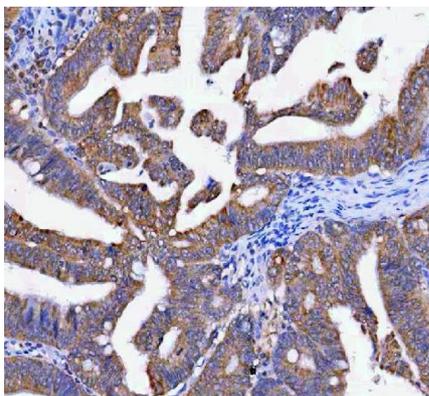
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

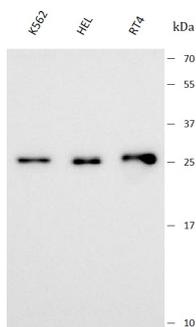
| | |
|-----------------------|---|
| Gene Symbol | LYPLA1 |
| Gene Full Name | Lysophospholipase 1 |
| Background | This gene encodes a member of the alpha/beta hydrolase superfamily. The encoded protein functions as a homodimer, exhibiting both depalmitoylating as well as lysophospholipase activity, 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. |
| Function | Acts as a acyl-protein thioesterase. |
| Calculated Mw | 25 kDa |
| PTM | Acetylation |
| Cellular Localization | Cell membrane, Cytoplasm, Endoplasmic reticulum, Membrane, Nucleus |

Images



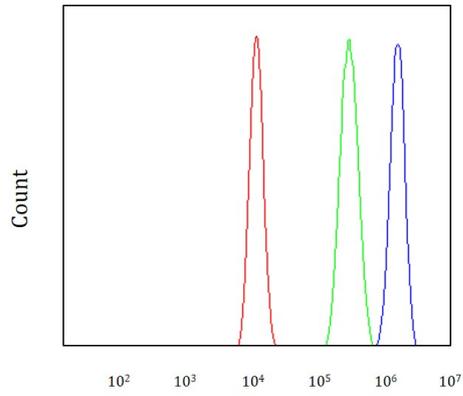
ARG44432 anti-LYPLA1 antibody IHC-P image

Immunohistochemistry: Human rectum adenocarcinoma stained with ARG44432 anti-LYPLA1 antibody at 2 $\mu\text{g}/\text{mL}$ dilution.



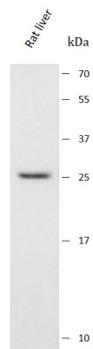
ARG44432 anti-LYPLA1 antibody WB image

Western blot: K562, HEL and RT4 stained with ARG44432 anti-LYPLA1 antibody at 0.5 $\mu\text{g}/\text{mL}$ dilution.



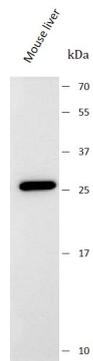
ARG44432 anti-LYPLA1 antibody FACS image

Flow Cytometry: HEL stained with ARG44432 anti-LYPLA1 antibody at $1 \mu\text{g}/10^6$ cells dilution.



ARG44432 anti-LYPLA1 antibody WB image

Western blot: Rat live stained with ARG44432 anti-LYPLA1 antibody at $0.5 \mu\text{g}/\text{mL}$ dilution.



ARG44432 anti-LYPLA1 antibody WB image

Western blot: Mouse live stained with ARG44432 anti-LYPLA1 antibody at $0.5 \mu\text{g}/\text{mL}$ dilution.