

ARG45316 anti-OLAH antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Polyclonal antibody recognizes OLAH
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	OLAH
Species	Human
Immunogen	Recombinant protein containing to human OLAH.
Conjugation	Un-conjugated
Alternate Names	OLAH; Oleoyl-ACP Hydrolase; S-Acyl Fatty Acid Synthase Thioesterase, Medium Chain; Thioesterase 2; THEDC1; SAST; TE2; Thioesterase Domain-Containing Protein 1; Oleoyl-Acyl-Carrier-Protein Hydrolase; Augmented In Rheumatoid Arthritis 1; Thioesterase Domain Containing 1; Type II Thioesterase; Thioesterase II; FLJ11106; AURA1; EC 3.1.2.14

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	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.	
Observed Size	36 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
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.

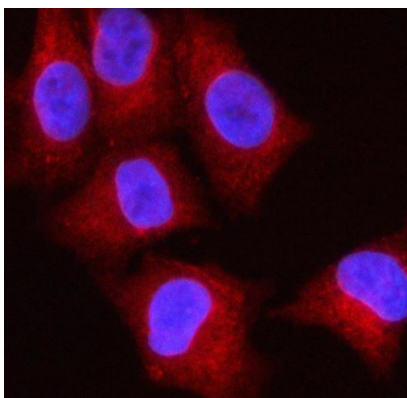
Note

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

Bioinformation

Gene Symbol	OLAH
Gene Full Name	Oleoyl-ACP Hydrolase
Background	Enables fatty acyl-[ACP] hydrolase activity. Involved in medium-chain fatty acid biosynthetic process. Predicted to be located in cytosol. [provided by Alliance of Genome Resources, Nov 2024]
Function	Contributes to the release of free fatty acids from fatty acid synthase (FASN). Has broad substrate specificity, giving rise to a range of free fatty acids with chain lengths between 10 and 16 carbon atoms (C10 - C16). [UniProt]
Calculated Mw	30 kDa
PTM	Acetylation. [UniProt]
Cellular Localization	Cytoplasm. [UniProt]

Images



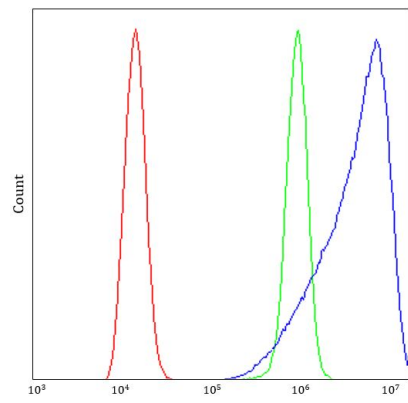
ARG45316 anti-OLAH antibody ICC/IF image

Immunofluorescence: A549 stained with ARG45316 anti-OLAH antibody at 5 ug/ml dilution.



ARG45316 anti-OLAH antibody WB image

Western blot: U2OS stained with ARG45316 anti-OLAH antibody at 0.5 ug/ml dilution.



ARG45316 anti-OLAH antibody FACS image

Flow Cytometry: HEL stained with ARG45316 anti-OLAH antibody at $1 \mu\text{g}/10^6$ cells dilution.