

Specification

href="http://www.uniprot.org/citations/37802025" target="_blank">37802025). Acts as a regulator of innate immunity by mediating depalmitoylation of CGAS, thereby preventing CGAS homodimerization and cyclic GMP-AMP synthase activity (PubMed:37802025). Does not exhibit phospholipase nor triacylglycerol lipase activity, able to hydrolyze only short chain substrates due to its shallow active site (PubMed:22052940).

Cellular Location

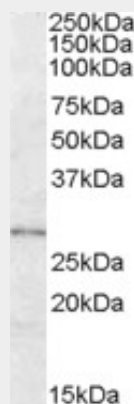
[Isoform 1]: Cytoplasm, cytosol

Goat Anti-LYPLAL1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-LYPLAL1 Antibody - Images



AF1641a (0.3 µg/ml) staining of Human Adipose lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-LYPLAL1 Antibody - References

Polymorphisms in NRXN3, TFAP2B, MSRA, LYPLAL1, FTO and MC4R and their effect on visceral fat area in the Japanese population. Hotta K, et al. J Hum Genet, 2010 Aug 12. PMID 20703240.
Genome-wide association scan meta-analysis identifies three Loci influencing adiposity and fat distribution. Lindgren CM, et al. PLoS Genet, 2009 Jun. PMID 19557161.
The DNA sequence and biological annotation of human chromosome 1. Gregory SG, et al. Nature, 2006 May 18. PMID 16710414.
Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560.
The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene

Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.