

Goat Anti-TOM1L2 Antibody
Peptide-affinity purified goat antibody
Catalog # AF2099a

Specification

Goat Anti-TOM1L2 Antibody - Product Information

Application	WB, IHC
Primary Accession	Q6ZVM7
Other Accession	NP_001076437 , 146691
Reactivity	Human
Predicted	Mouse, Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	55556

Goat Anti-TOM1L2 Antibody - Additional Information

Gene ID 146691

Other Names

TOM1-like protein 2, Target of Myb-like protein 2, TOM1L2

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-TOM1L2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-TOM1L2 Antibody - Protein Information

Name TOM1L2

Function

Acts as a MYO6/Myosin VI adapter protein that targets myosin VI to endocytic structures (PubMed:23023224). May also play a role in recruiting clathrin to endosomes (PubMed:16412388). May regulate growth factor-induced mitogenic signaling (PubMed:16479011).

Tissue Location

Ubiquitously expressed with higher expression in heart and skeletal muscle.

Goat Anti-TOM1L2 Antibody - Protocols

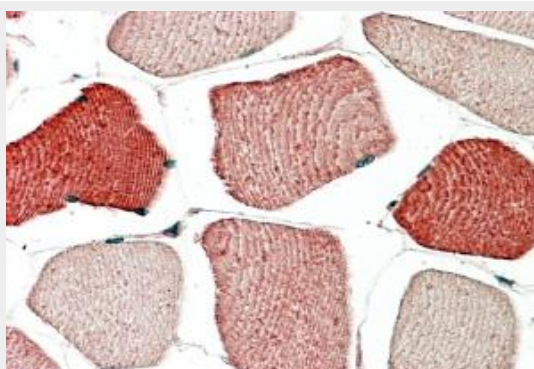
Provided below are standard protocols that you may find useful for product applications.

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

Goat Anti-TOM1L2 Antibody - Images



AF2099a (0.03 $\mu\text{g/ml}$) staining of A431 lysate (35 μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AF2099a (5 $\mu\text{g/ml}$) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Goat Anti-TOM1L2 Antibody - References

Analysis of lipid pathway genes indicates association of sequence variation near

SREBF1/TOM1L2/ATPAF2 with dementia risk. Reynolds CA, et al. Hum Mol Genet, 2010 May 15. PMID 20167577.

The adaptor protein Tom1L1 is a negative regulator of Src mitogenic signaling induced by growth factors. Franco M, et al. Mol Cell Biol, 2006 Mar. PMID 16479011.

Recruitment of clathrin onto endosomes by the Tom1-Tollip complex. Katoh Y, et al. Biochem Biophys Res Commun, 2006 Mar 3. PMID 16412388.

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.

Time-resolved mass spectrometry of tyrosine phosphorylation sites in the epidermal growth factor receptor signaling network reveals dynamic modules. Zhang Y, et al. Mol Cell Proteomics, 2005 Sep. PMID 15951569.