

Trib1 (mouse) (aa304-317) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3622a**Specification**

Trib1 (mouse) (aa304-317) Antibody (internal region) - Product Information

Application	WB
Primary Accession	O96RU8
Other Accession	NP_653132.1 , 10221 , 211770 (mouse) , 78969 (rat)
Reactivity	Mouse
Predicted	Human, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	41009

Trib1 (mouse) (aa304-317) Antibody (internal region) - Additional Information**Gene ID** 10221**Other Names**

Tribbles homolog 1, TRB-1, G-protein-coupled receptor-induced gene 2 protein, GIG-2, SKIP1, TRIB1 ([HGNC:16891](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=16891))

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 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

Trib1 (mouse) (aa304-317) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Trib1 (mouse) (aa304-317) Antibody (internal region) - Protein Information**Name** TRIB1 ([HGNC:16891](#))**Function**

Adapter protein involved in protein degradation by interacting with COP1 ubiquitin ligase (PubMed:[27041596](http://www.uniprot.org/citations/27041596)). The COP1- binding motif is masked by autoinhibitory interactions with the protein kinase domain (PubMed:[26455797](http://www.uniprot.org/citations/26455797)).

Serves to alter COP1 substrate specificity by directing the activity of COP1 toward CEBPA (PubMed:27041596). Binds selectively the recognition sequence of CEBPA (PubMed:26455797). Regulates myeloid cell differentiation by altering the expression of CEBPA in a COP1-dependent manner (By similarity). Controls macrophage, eosinophil and neutrophil differentiation via the COP1-binding domain (By similarity). Interacts with MAPK kinases and regulates activation of MAP kinases, but has no kinase activity (PubMed:15299019, PubMed:26455797).

Tissue Location

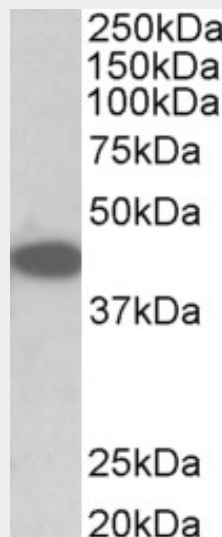
Expressed in most human tissues with the highest levels in skeletal muscle, thyroid gland, pancreas, peripheral blood leukocytes, and bone marrow.

Trib1 (mouse) (aa304-317) Antibody (internal region) - 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](#)

Trib1 (mouse) (aa304-317) Antibody (internal region) - Images



AF3622a (0.1 µg/ml) staining of NIH3T3 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Trib1 (mouse) (aa304-317) Antibody (internal region) - References

Trib1 links the MEK1/ERK pathway in myeloid leukemogenesis. Yokoyama T, Kanno Y, Yamazaki Y, Takahara T, Miyata S, Nakamura T, Blood 2010 Oct 116 (15): 2768-75. PMID: 20610816