

TRIB1 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2740a**Specification**

TRIB1 Antibody (C-Term) - Product Information

Application	E
Primary Accession	O96RU8
Other Accession	NP_079471.1 , 10221
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	41009

TRIB1 Antibody (C-Term) - Additional Information**Gene ID** 10221**Other Names**

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

Dilution

E~~N/A

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 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

TRIB1 Antibody (C-Term) - Protein Information**Name** TRIB1 ([HGNC:16891](#))**Function**

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

(PubMed: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 Antibody (C-Term) - 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 Antibody (C-Term) - Images

TRIB1 Antibody (C-Term) - References

Human tribbles-1 controls proliferation and chemotaxis of smooth muscle cells via MAPK signaling pathways. Sung HY, Guan H, Czibula A, King AR, Eder K, Heath E, Suvarna SK, Dower SK, Wilson AG, Francis SE, Crossman DC, Kiss-Toth E. J Biol Chem. 2007 Jun 22;282(25):18379-87. Epub 2007 Apr 23. PMID: 17452330