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TRIB1 Antibody (C-Term)

Peptide-affinity purified goat antibody
Catalog # AF2740a

Specification

TRIB1 Antibody (C-Term) - Product Information

Application	**E**
Primary Accession	Q96RU8
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 (HGNC: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 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: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 Cytomety
- 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