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TRIB1 / SKIP1 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3018a

Specification

TRIB1 / SKIP1 Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	Q96RU8
Other Accession	NP_079471.1, 10221
Reactivity	**Human**
Predicted	**Mouse, Rat, Pig, Dog, Cow**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**41009**

TRIB1 / SKIP1 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)

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 / SKIP1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

TRIB1 / SKIP1 Antibody (internal region) - 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 / SKIP1 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 Cytomety
- Cell Culture

TRIB1 / SKIP1 Antibody (internal region) - Images



EB9630 (0.3 µg/ml) staining of Human Bone Marrow lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

TRIB1 / SKIP1 Antibody (internal region) - References

Human tribbles, a protein family controlling mitogen-activated protein kinase cascades Kiss-Toth E, Bagstaff SM, Sung HY, Jozsa V, Dempsey C, Caunt JC, Oxley KM, Wyllie DH, Polgar T, Harte M, O'neill LA, Qwarnstrom EE, Dower SK J. Biol. Chem. 2004 Oct 279 (41): 42703-8 PMID: 15299019