

Goat anti-TRIB1 Antibody

Item Number	dAP-1423
Target Molecule	Principle Name: TRIB1; Official Symbol: TRIB1 ; All Names and Symbols: TRIB1 ; tribbles homolog 1 (Drosophila) ; C8FW; GIG2N; SKIP1; G-protein-coupled receptor induced protein; phosphoprotein regulated by mitogenic pathways; Accession Number (s): NP_079471.1 ; Human Gene ID(s): 10221; Non-Human GenelD(s):
Immunogen	TSDQIVPEYQEDSD, is from C Terminus
Applications	Pep ELISA, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	Western Blot: Preliminary experiments gave an approx 35kDa band in Human Lymph Node and Peripheral Blood Mononucleocyte lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we see.
IHC	Immunohistochemistry: Paraffin embedded Human Spleen. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): 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. Human tribbles-1 controls proliferation and chemotaxis of smooth muscle cells via MAPK signaling pathways. <i>J Biol Chem.</i> 2007 Jun 22;282(25):18379-87. Epub

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**