

Goat anti-BTBD7 Antibody

Item Number	dAP-2423
Target Molecule	Principle Name: BTBD7; Official Symbol: BTBD7; All Names and Symbols: BTBD7; BTB (POZ) domain containing 7; DKFZp686N0544; FUP1; MGC48310; BTB/POZ domain-containing protein 7; Accession Number (s): NP_001002860.2; NP_060637.1; Human Gene ID(s): 55727; Non-Human GenelD(s): 238386 (mouse) 362772 (rat)
Immunogen	ESKLYSLDHGHEKPQ, is from N Terminus This antibody is expected to recognize both reported isoforms (NP_001002860.2; NP_060637.1).
Applications	Pep ELISA, WB Species Tested: Mouse
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 64000.
Western Blot	Western Blot: In transfected MDCK transiently expressing the fusion protein Myc-Btbd7-GFP a band of approx. 190kDa is observed. This band is also observed by Myc-antibody and it is not observed in the MDCK expressing GFP, or when the fusion gene was suppressed.
IHC	
Reference	Reference(s): Onodera T, Sakai T, Hsu JC, Matsumoto K, Chiorini JA, Yamada KM, Btbd7 regulates epithelial cell dynamics and branching morphogenesis. <i>Science</i> (New York, N.Y.) 2010 Jul 329 (5991): 562-5.. PMID: 20671187->

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**