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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB10630 - Goat Anti-BTBD7 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: BTBD7, BTB (POZ) domain containing 7, DKFZp686N0544, FUP1, MGC48310, BTB/POZ domain-containing protein 7

Official Symbol: BTBD7

Accession Number(s): NP_001002860.2; NP_060637.1

Human GeneID(s): [55727](#)

Non-Human GeneID(s): 238386 (mouse), 362772 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_001002860.2; NP_060637.1).

Immunogen

Peptide with sequence ESKLYSLDHGHEKPQ-C, from the N Terminus of the protein sequence according to NP_001002860.2; NP_060637.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

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. Data provided by Everest Grant winner Melinda Larsen, State University of New York, Albany, NY. This antibody has been successfully used in WB on Mouse: PMID: 31303496. Grisard E et al. EBioMedicine. 2019 Aug;46:79-93.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow

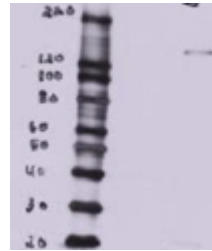
Specific Reference

This antibody has been successfully used in Western blot on Mouse:

Grisard E, Coan M, Cesaratto L, Rigo I, Zandonà L, Paulitti A, Andreuzzi E, Rampioni Vinciguerra GL, Poletto E, Del Ben F, Brisotto G, Biscontin E, Turetta M, Dassi E, Mirnezami A, Canzonieri V, Vecchione A, Baldassarre G, Mongiat M, Spizzo R, Nicoloso MS

Sleeping beauty genetic screen identifies miR-23b::BTBD7 gene interaction as crucial for colorectal EBioMedicine. 2019 Aug;46:79-93

PMID: 31303496



MDCK overexpressing Mouse Btd7 (third lane) and probed with EB10630 (mock transfection in first lane, full construct chemically suppressed in second lane).