

Datasheet for ABIN768612
anti-BTBD7 antibody (N-Term)[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	100 µg
Target:	BTBD7
Binding Specificity:	N-Term
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This BTBD7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	BTBD7
Immunogen:	Peptide with sequence ESKLYSLDHGHEKPQ-C, from the N Terminus of the protein sequence according to NP_001002860.2, NP_060637.1.
Sequence:	ESKLYSLDHG HEKPQ
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_001002860.2, NP_060637.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: BTBD7

Alternative Name: BTBD7 ([BTBD7 Products](#))

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

Molecular Weight: 36kDa

Gene ID: 55727, 238386, 362772

NCBI Accession: [NP_001002860](#), [NP_060637](#)

Application Details

Application Notes: Western Blot: In transfected MDCK transiently expressing the fusion protein Myc-Btbd7-GFP a band of approx. 190 kDa 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.
Peptide ELISA: antibody detection limit dilution 1:64000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

Product cited in: Grisard, Coan, Cesaratto, Rigo, Zandonà, Paulitti, Andreuzzi, Rampioni Vinciguerra, Poletto, Del Ben, Brisotto, Biscontin, Turetta, Dassi, Mirnezami, Canzonieri, Vecchione, Baldassarre, Mongiat et al.: "Sleeping beauty genetic screen identifies miR-23b::BTBD7 gene interaction as crucial for colorectal cancer metastasis. ..." in: **EBioMedicine**, Vol. 46, pp. 79-93, (2020) ([PubMed](#)).

Images



Western Blotting

Image 1. MDCK overexpressing Mouse Btbd7 (third lane) and probed with ABIN768612 (mock transfection in first lane, full construct chemically suppressed in second lane).