

**BTBD7 Antibody (N-Term)**  
Peptide-affinity purified goat antibody  
Catalog # AF3435a**Specification**

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**BTBD7 Antibody (N-Term) - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">O9P203</a>
Other Accession	<a href="#">NP_001002860.2</a> , <a href="#">NP_060637.1</a> , <a href="#">55727</a> , <a href="#">238386 (mouse)</a> , <a href="#">362772 (rat)</a>
Reactivity	<b>Mouse</b>
Predicted	<b>Human, Rat, Pig, Dog</b>
Host	<b>Goat</b>
Clonality	<b>Polyclonal</b>
Concentration	<b>0.5 mg/ml</b>
Isotype	<b>IgG</b>
Calculated MW	<b>126368</b>

**BTBD7 Antibody (N-Term) - Additional Information****Gene ID** 55727**Other Names**

BTB/POZ domain-containing protein 7, BTBD7, KIAA1525

**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**

BTBD7 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**BTBD7 Antibody (N-Term) - Protein Information****Name** BTBD7**Synonyms** KIAA1525**Function**

Acts as a mediator of epithelial dynamics and organ branching by promoting cleft progression. Induced following accumulation of fibronectin in forming clefts, leading to local expression of the cell-scattering SNAIL2 and suppression of E-cadherin levels, thereby altering cell morphology and reducing cell-cell adhesion. This stimulates cell separation at the base of forming clefts by local,

dynamic intercellular gap formation and promotes cleft progression (By similarity).

#### Cellular Location

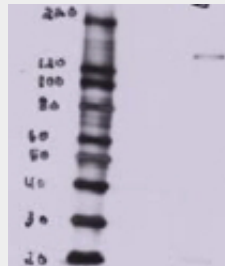
Nucleus.

#### BTBD7 Antibody (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### BTBD7 Antibody (N-Term) - Images



MDCK overexpressing Mouse Btbd7 (third lane) and probed with AF3435a (mock transfection in first lane, full construct chemically suppressed in second lane).

#### BTBD7 Antibody (N-Term) - Background

This antibody is expected to recognize both reported isoforms (NP\_001002860.2; NP\_060637.1).

#### BTBD7 Antibody (N-Term) - References

Btbd7 regulates epithelial cell dynamics and branching morphogenesis. Onodera T, Sakai T, Hsu JC, Matsumoto K, Chiorini JA, Yamada KM, Science (New York, N.Y.) 2010 Jul 30; 329(5991): 562-5. PMID: 20671187