

**BTBD1 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP7323c****Specification**

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**BTBD1 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q9H0C5](#)**BTBD1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 53339**Other Names**

BTB/POZ domain-containing protein 1, Hepatitis C virus NS5A-transactivated protein 8, HCV NS5A-transactivated protein 8, BTBD1, C15orf1, NS5ATP8

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7323c](/products/AP7323c) was selected from the Center region of human BTBD1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**BTBD1 Antibody (Center) Blocking Peptide - Protein Information****Name** BTBD1**Synonyms** C15orf1, NS5ATP8**Function**

Probable substrate-specific adapter of an E3 ubiquitin- protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins (PubMed: [14528312](http://www.uniprot.org/citations/14528312)). Seems to regulate expression levels and/or subnuclear distribution of TOP1, via an unknown mechanism (By similarity). May play a role in mesenchymal differentiation where it promotes myogenic differentiation and suppresses adipogenesis (By similarity).

**Cellular Location**

Cytoplasm. Note=Localizes to punctate or elongated cytoplasmic bodies.

**Tissue Location**

Ubiquitous; highest levels in testes, heart and skeletal muscle.

**BTBD1 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**BTBD1 Antibody (Center) Blocking Peptide - Images****BTBD1 Antibody (Center) Blocking Peptide - Background**

BTBD1 binds topoisomerase I. The N-terminus contains a proline-rich region and a BTB/POZ domain (broad-complex, Tramtrack and bric a brac/Pox virus and Zinc finger), both of which are typically involved in protein-protein interactions. Subcellularly, the protein localizes to cytoplasmic bodies.

**BTBD1 Antibody (Center) Blocking Peptide - References**

Pisani,D.F., Cabane,C. Cell Death Differ. 11 (11), 1157-1165 (2004)Xu,L., Yang,L. Exp. Cell Res. 288 (1), 84-93 (2003)Xu,L., Yang,L. BMC Genomics 3 (1), 1 (2002)