

BTBD1 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP7323c

Specification

BTBD1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [O9H0C5](#)

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)