

ARG55527
anti-BTBD1 antibodyPackage: 100 µl
Store at: -20°C

Summary

| | |
|---------------------|---|
| Product Description | Rabbit Polyclonal antibody recognizes BTBD1 |
| Tested Reactivity | Hu, Ms |
| Tested Application | FACS, WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | BTBD1 |
| Species | Human |
| Immunogen | KLH-conjugated synthetic peptide corresponding to aa. 295-322 (Center) of Human BTBD1. |
| Conjugation | Un-conjugated |
| Alternate Names | HCV NS5A-transactivated protein 8; NS5ATP8; BTB/POZ domain-containing protein 1; Hepatitis C virus NS5A-transactivated protein 8; C15orf1 |

Application Instructions

| | | |
|-------------------|--|-------------|
| Application table | Application | Dilution |
| | FACS | 1:10 - 1:50 |
| | WB | 1:1000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | 293 | |

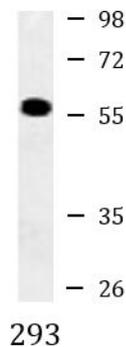
Properties

| | |
|---------------------|--|
| Form | Liquid |
| Purification | This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| Buffer | PBS and 0.09% (W/V) Sodium azide |
| Preservative | 0.09% (W/V) Sodium azide |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

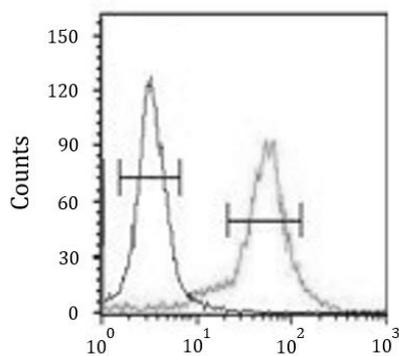
| | |
|-----------------------|---|
| Database links | GeneID: 53339 Human GeneID: 83962 Mouse Swiss-port # P58544 Mouse Swiss-port # Q9H0C5 Human |
| Gene Symbol | BTBD1 |
| Gene Full Name | BTB (POZ) domain containing 1 |
| Background | The C-terminus of the protein encoded by this gene binds topoisomerase 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. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008] |
| Function | Probable substrate-specific adapter of an E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. [UniProt] |
| Research Area | Cell Biology and Cellular Response antibody; Microbiology and Infectious Disease antibody |
| Calculated Mw | 53 kDa |
| Cellular Localization | Cytoplasm, P-body. Note=Cytoplasmic bodies |

Images



ARG55527 anti-BTBD1 antibody WB image

Western blot: 35 µg of 293 cell lysate stained with ARG55527 anti-BTBD1 antibody.



ARG55527 anti-BTBD1 antibody FACS image

Flow Cytometry: 293 cells stained with ARG55527 anti-BTBD1 antibody (right histogram) or without primary antibody control (left histogram), followed by incubation with FITC labelled secondary antibody.