

Datasheet for 600-401-486**BTB1 Antibody****Overview**

Description:	Anti-Btb1 (RABBIT) Antibody - 600-401-486
Item No.:	600-401-486
Size:	100 µg
Applications:	ELISA
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	BTB1 acts as an inhibitor of BTK tyrosine kinase activity, thereby playing a role in B-cell development. It down-regulates BTK kinase activity, leading to interference with BTK-mediated calcium mobilization and NF-kappa-B-driven transcription.
Synonyms:	rabbit anti-BTB1 Antibody, BTB-1, BTB 1, IBTK, BTKI, Inhibitor of Bruton tyrosine kinase, BTK Binding Protein antibody
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	IBTK
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region of Human Btb1. Btb1 is a currently uncharacterized human ankyrin repeat protein BAA92655. This protein has been suggested to bind to CUL3.
Purity/Specificity:	This is an affinity purified antibody produced by immunoaffinity chromatography using the immunizing peptide after immobilization to a solid phase.

Relevant Links:	• UniProtKB - Q9P2D0 • NCBI - NP_001287835.1 • GeneID - 25998
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Application Details

Tested Applications:	ELISA
Application Note:	This affinity purified antibody has been tested for use in ELISA against the immunizing peptide. Reactivity in other immunoassays is unknown.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:5,000 - 1:25,000
WB:	1:500 - 1:3,000

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.63 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

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