

Datasheet for 600-401-483**Beta TrCP2 Antibody****Overview**

Description:	Anti- β TrCP2 (RABBIT) Antibody - 600-401-483
Item No.:	600-401-483
Size:	100 μ g
Applications:	ELISA, WB
Reactivity:	Human, Mouse
Host Species:	Rabbit

Product Details

Background:	This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbws class and, in addition to an F-box, contains multiple WD40 repeats. This gene contains at least 14 exons, and its alternative splicing generates 3 transcript variants diverging at the presence/absence of two alternate exons.
Synonyms:	rabbit anti-beta TrCP2 antibody, rabbit anti-BTRCP2 antibody, F-box/WD repeat-containing protein 11, beta Transducin Repeat Containing Protein 2 antibody, BTRC2 antibody, F-box and WD-40 Domain Protein 1B antibody, F-box Protein FBW1B antibody, FBW1B antibody, FBXW1B antibody, Homologous to Slimb protein, HOS, FBXW11
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	FBXW11
Reactivity:	Human, Mouse

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 a region near the N-terminal of human β TrCP2 protein.
Purity/Specificity:	This product was affinity purified from monospecific antiserum by immunoaffinity chromatography. This antibody reacts with human β TrCP2 protein. A BLAST analysis was used to suggest cross-reactivity with β TrCP2 from human, mouse, dog, bovine, chimpanzee, chicken and horse based on a 100% homology with the immunizing sequence. Cross-reactivity with β TrCP2 from other sources has not been determined.
Relevant Links:	• UniProtKB - Q9UKB1 • NCBI - 48928048 • GenelD - 23291

Application Details

Tested Applications:	ELISA, WB
Application Note:	This affinity purified antibody has been tested for use in ELISA and western blotting.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 – 1:100,000
IF:	User Optimized
WB:	1:200 to 1:1,000

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	0.8 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
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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.

Images



Western Blot

Western blot using Rockland's affinity purified anti-bTrCP2 antibody shows detection of mouse and human bTrCP2 (arrowhead) in NIH3T3 (p/n W10-000-358) [lane 1] and 293 (p/n W09-000-365) [lane 2] whole cell lysates, respectively. The band appears as a 58 kDa protein, although a 62.1 kDa band is predicted. The identity of faint higher molecular weight bands is not known. The primary antibody was used at a 1:200 dilution incubated in 5% BLOTTO overnight at 4°C. Detection occurred using HRP conjugated Goat-anti-Rabbit IgG (p/n 611-103-122) diluted 1:20,000 in blocking buffer (p/n MB-070) for 1 h at 4 °C.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.