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Datasheet for 600-401-483

Beta TrCP2 Antibody

Overview

Description:	Anti-ßTrCP2 (RABBIT) Antibody - 600-401-483
Item No.:	600-401-483
Size:	100 µg
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 ßTrCP2 protein.
Purity/Specificity:	This product was affinity purified from monospecific antiserum by immunoaffinity chromatography. This antibody reacts with human ßTrCP2 protein. A BLAST analysis was used to suggest cross-reactivity with ßTrCP2 from human, mouse, dog, bovine, chimpanzee, chicken and horse based on a 100% homology with the immunizing sequence. Cross-reactivity with ßTrCP2 from other sources has not been determined.
Relevant Links:	• UniProtKB - Q9UKB1 • NCBI - 48928048 • GeneID - 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

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.

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