

Datasheet for ABIN964575
anti-FBXW11 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	FBXW11
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Dog, Cow, Chicken, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FBXW11 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	<p>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 βTrCP2 protein.</p> <p>Immunogen Type: Peptide</p>
Isotype:	IgG
Specificity:	<p>This product was affinity purified from monospecific antiserum by immunoaffinity chromatography. This antibody reacts with human βTrCP2 protein. A BLAST analysis was used to suggest cross-reactivity with βTrCP2 from human, mouse, dog, bovine, chimpanzee, chicken and horse based on a 100% homology with the immunizing sequence. Cross-reactivity with βTrCP2 from other sources has not been determined.</p>
Cross-Reactivity:	Mouse (Murine), Dog (Canine), Chicken, Sheep (Ovine), Monkey

Product Details

Characteristics:	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.
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Purification:	purified
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Target Details

Target:	FBXW11
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Abstract:	FBXW11 Products
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Background:	<p>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.</p> <p>Synonyms: beta Transducin Repeat Containing Protein 2 antibody, BTRC2 antibody, BTRCP2 antibody, F-box and WD-40 Domain Protein 1B antibody, F-box Protein FBW1B antibody, FBW1B antibody, FBXW1B antibody</p>
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Gene ID:	23291, 48928048
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UniProt:	Q9UKB1
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Application Details

Application Notes:	This affinity purified antibody has been tested for use in ELISA and western blotting.
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Comment:	Gene Name: FBXW11 (BTRCP2)
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Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Store vial at 4 °C prior to restoration. For extended storage aliquot contents and freeze at -20 °C or below. 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 date is one (1) year from date of opening.
Expiry Date:	12 months

Images



Western Blotting

Image 1. Western blot using affinity purified anti-bTrCP2 antibody shows detection of mouse and human bTrCP2 (arrowhead) in NIH3T3 (lane 1) and 293 (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 diluted 1:20,000 in blocking buffer for 1 h at 4 °C.