

## Anti-Fbp5B FBXO43 Antibody

Catalog Number: A12000

### About FBXO43

Fbp5B (also called F-Box protein 43 or Fbx043) is a relatively new member of the F-box protein family that is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the 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 Fbxs class.

### Overview

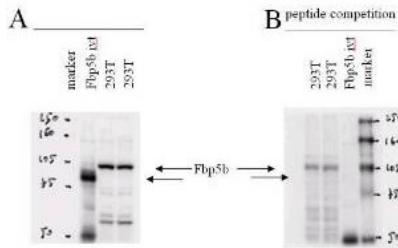
Product Name	Anti-Fbp5B FBXO43 Antibody
Reactive Species	Human, Mouse, Rat, Chimpanzee
Description	Boster Bio Anti-Fbp5B FBXO43 Antibody (Catalog # A12000). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat, Chimpanzee.
Application	ELISA, IP, WB
Clonality	Polyclonal
Formulation	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 0.01% (w/v) Sodium Azide
Storage Instructions	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 date is one (1) year from date of opening. (Ship on dry ice.)
Host	Rabbit
Uniprot ID	Q4G163

### Technical Details

Immunogen	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to a region approximately 60 residues downstream of the amino terminal end of human Fbp5B protein. Human Fbp5B-2, 466 aa, predicted MW 51.3 kDa
Predicted Reactive Species	Canine, Chicken, Chimpanzee
Isotype	IgG
Form	Liquid (sterile filtered)
Concentration	2.21 mg/mL by UV absorbance at 280 nm

Purification	This affinity-purified antibody is directed against human Fbp5B protein. The product was affinity purified from monospecific antiserum by immunoaffinity purification. A BLAST analysis was used to suggest cross-reactivity with Fbp5B protein from human and chimpanzee based on 100% homology with the immunizing sequence. Reactivity against homologues from other sources is not known.
Suggested Dilutions	ELISA: 1:10,000 - 1:50,000 IP: 1:100 WB: 1:500 - 1:3,000 This affinity-purified antibody has been tested for use in ELISA and western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 105 kDa in size corresponding to Fbp5B protein by western blotting in the appropriate cell lysate or extract. Predicted molecular weight is 51 kDa.

## Anti-Fbp5B FBXO43 Antibody (A12000) Images



Western blot using Boster's affinity purified anti-Fbp5B antibody. Panels A and B show two identical membranes containing marker, in vitro translated Fbp5b (Fbp5b ivt), and a whole cell extract from 293T cells loaded in duplicate). Panel A shows antibody reactivity. Panel B shows antibody reactivity after first pre-incubating the antibody with the immunizing peptide. This pre-incubation greatly diminishes specific band recognition. Peptide inhibition completely removes the in vitro translated band and greatly reduces the endogenous band from 293T cells. When this experiment was repeated using a mock in vitro translation, no band was detected (data not shown). Personal Communication, Daniele Guardavaccaro, NYU Cancer Institute

### Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Fbp5B FBXO43 Antibody

For Research Use Only. Not for use in diagnostic procedures.