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Datasheet for ABIN129598

## anti-FBXO43 antibody (AA 466)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	FBXO43
Binding Specificity:	AA 466
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FBXO43 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### Product 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, , predicted MW 51.3 kDa
Isotype:	IgG
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Chimpanzee
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

#### Target Details

Target:	FBXO43
Alternative Name:	Fbp5B ( <a href="#">FBXO43 Products</a> )

## Target Details

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**Background:** 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.

Synonyms: F-box only protein 43 Endogenous meiotic inhibitor 2

**Gene ID:** 286151, 117606351

**UniProt:** [Q4G163](#)

## Application Details

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**Application Notes:** 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.

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

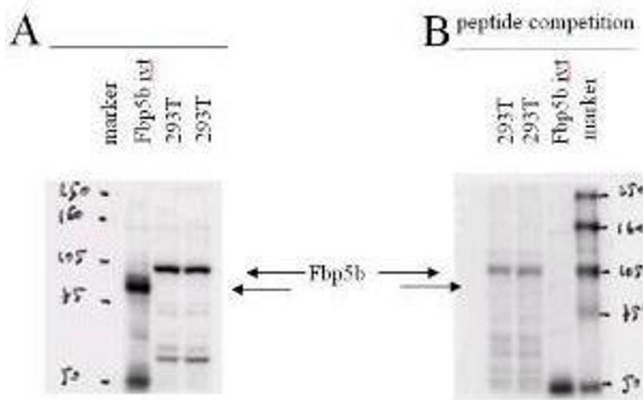
**Concentration:** 2.21 mg/mL

**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:** -20 °C



### Western Blotting

**Image 1.** Western blot using 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