

Datasheet for 600-401-BD8**FBXL16 Antibody****Overview**

Description:	Anti-FBXL16 (RABBIT) Antibody - 600-401-BD8
Item No.:	600-401-BD8
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	FBXL16 (F-box and leucine-rich repeat protein 16), a member of the F-box protein family, is a probable substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. It is characterized by an approximately 40-amino acid F-box motif. F-box proteins interact with SKP1 through the F-box, and they interact with ubiquitination targets through other protein interaction domains. FBXL16 is a novel E2F1-regulated gene in crucial cell cycle regulation pathways.
Synonyms:	FBXL16 Antibody, Fbl16, C16orf22, c380A1.1, FBL16, F-box and leucine-rich repeat protein 16
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	FBXL16
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-FBXL16 antibody was prepared from whole rabbit serum produced by repeated immunizations with an 18 amino acid synthetic peptide near the C-terminus of human FBXL16

Purity/Specificity: Anti-FBXL16 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. FBXL16 antibody is predicted to not cross-react with other F-box protein family members.

Relevant Links:

- [UniProtKB - Q8N461](#)
- [GeneID - 146330](#)
- [NCBI - NP_699181](#)

Application Details

Tested Applications: ELISA, IF, IHC, WB

Application Note: Anti-FBXL16 Antibody has been tested for use in ELISA, Western Blotting, Immunohistochemistry and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 52 kDa in Western Blots of specific cell lysates and tissues.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: 1:5000 - 1:10000

IF: 20 µg/mL

IHC: 5 µg/mL

WB: 0.5 - 1 µg/mL

Formulation

Physical State: Liquid (sterile filtered)

Concentration: 1 mg/mL by UV absorbance at 280 nm

Buffer: 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2

Preservative: 0.02% (w/v) Sodium Azide

Stabilizer: None

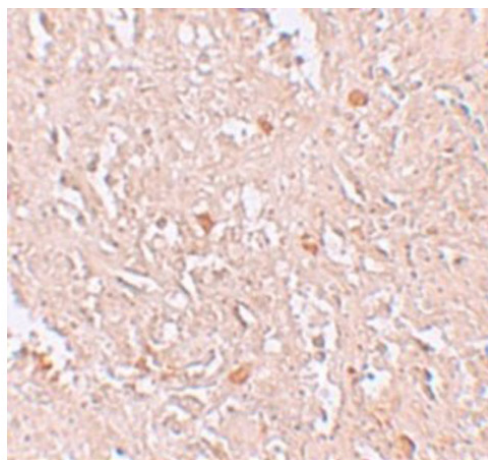
Shipping & Handling

Shipping Condition: Wet Ice

Storage Condition: Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.

Expiration:

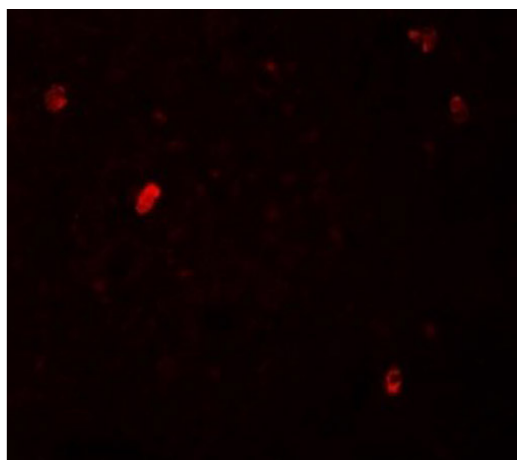
Expiration date is one (1) year from date of receipt.

Images**Immunohistochemistry**

Immunohistochemistry of FBXL16.

Tissue: human spleen tissue.

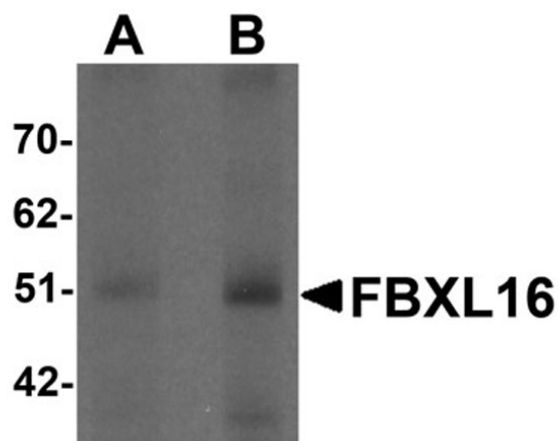
Primary Antibody: FBXL16 antibody at 5 µg/mL.

**Immunofluorescence Microscopy**

Immunofluorescence of FBXL16.

Tissue: human spleen tissue.

Primary Antibody: FBXL16 antibody at 20 µg/mL.

**Western Blot**

Western blot analysis of FBXL16.

Load: human spleen tissue lysate.

Primary Antibody: FBXL16 antibody at (A) 0.5 µg/mL and (B) 1 µg/mL.

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.