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Datasheet for ABIN1399311  
**anti-FBXL21 antibody (AA 121-220) (AbBy Fluor® 350)**

### Overview

Quantity:	100 µL
Target:	FBXL21
Binding Specificity:	AA 121-220
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FBXL21 antibody is conjugated to AbBy Fluor® 350
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FBXL21/FBL3B
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep
Purification:	Purified by Protein A.

### Target Details

Target:	FBXL21
Alternative Name:	FBXL21 ( <a href="#">FBXL21 Products</a> )

## Target Details

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**Background:** Synonyms: F box and leucine rich repeat protein 21, F box and leucine rich repeat protein 3 pseudogene, F box and leucine rich repeat protein 3B, F box protein Fbl3b, F box/LRR repeat protein 21, F box/LRR repeat protein 3B, Fbl 21, FBXL 21, FBXL-21, FBL 3, FBL 3B, Fbl21, FBL3, FBL-3B, FBL 3B, FBL3B, FBXL 21, FBXL 3B, FBXL 3P, FBXL3B, FBXL3P, MGC120237, FXL21\_HUMAN.

Background: FBL3B is a 434 amino acid protein encoded by the human gene FBXL21. FBL3B contains one 40 amino acid F-box region, making it a member of the F-box family. FBL3B also contains three LRR (leucine-rich) repeats. F-box proteins are critical components of the SCF (Skp1-CUL-1-F-box protein) type E3 ubiquitin ligase complex and are involved in substrate recognition and recruitment for ubiquitination. F-box proteins are members of a large family that regulates cell cycle, immune response, signaling cascades and developmental programs by targeting proteins, such as cyclins, cyclin-dependent kinase inhibitors, I $\kappa$ B- $\alpha$  and b-catenin, for degradation by the proteasome after ubiquitination. FBL3B is a substrate-recognition component of the SCF complex that interacts with Skp1 p19 and CUL-1. FBL3B is also associated with expression and regulation of circadian and cryptochrome proteins.

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**Gene ID:** 26223

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**Pathways:** [Photoperiodism](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1  $\mu$ g/ $\mu$ L

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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## Handling

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months