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## anti-FBXL21 antibody (AA 121-220)



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Quantity:	100 μL	
Target:	FBXL21	
Binding Specificity:	AA 121-220	
Reactivity:	Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This FBXL21 antibody is un-conjugated	
Application:	ELISA, Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (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

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- Target Details		
Alternative Name:	FBXL21 (FBXL21 Products)	
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, IkB-a 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.	
Gene ID:	26223	
Pathways:	Photoperiodism	
Application Details		
Application Notes:	WB 1:300-5000	
	ELISA 1:500-1000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	

### Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months