

## Anti-FBXL21 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Dog,Cow,Sheep)
Molecular Weight:	Theoretical: 49 kDa. Actual: 49 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	Sample: Heart (Mouse) Lysate at 40 µg Primary: Anti-FBXL21 (TMAB-05924) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 49 kD Observed band size: 49 kD
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human FBXL21/FBL3B
Antigen Species:	Human
Gene ID:	26223
Uniprot ID:	Q9UKT6

## Research 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, IκB-α and β-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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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