

For Research Use Only

# FBXL13 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86857-1-PBS



## Basic Information

<b>Catalog Number:</b> 86857-1-PBS	<b>GenBank Accession Number:</b> BC031285	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 222235	<b>CloneNo.:</b> 251880F12
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q8NEE6	
<b>Immunogen Catalog Number:</b> AG10903	<b>Full Name:</b> F-box and leucine-rich repeat protein 13	
	<b>Calculated MW:</b> 707 aa, 81 kDa	
	<b>Observed MW:</b> 84 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human

## Background Information

FBXL13, also known as F-box and leucine-rich repeat protein 13, is a human protein-coding gene located on chromosome 7q22.1. It is a member of the F-box protein family, characterized by an approximately 40-amino acid F-box motif. FBXL13 is part of the SCF-type E3 ubiquitin ligase complex, which plays a role in protein ubiquitination and degradation. The gene has multiple isoforms, including 84 kDa, 81 kDa, 79 kDa, and 53 kDa variants. While its specific function within the complex is not fully understood, FBXL13 has been implicated in regulating centrosome homeostasis and cell migration by directing the proteolysis of CEP192. Additionally, it may play a role in circadian rhythms by ubiquitinating and mediating the degradation of cryptochrome proteins.

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

For technical support and original validation data for this product please contact:

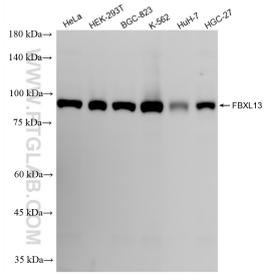
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86857-1-RR (FBXL13 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86857-1-PBS in a different storage buffer formulation.