

For Research Use Only

FBXL13 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86857-1-PBS



Basic Information

Catalog Number: 86857-1-PBS	GenBank Accession Number: BC031285	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 222235	CloneNo.: 251880F12
Source: Rabbit	UNIPROT ID: Q8NEE6	
Isotype: IgG	Full Name: F-box and leucine-rich repeat protein 13	
Immunogen Catalog Number: AG10903	Calculated MW: 707 aa, 81 kDa	
	Observed MW: 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.

Storage Buffer:
PBS only, pH7.3

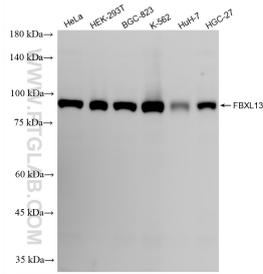
For technical support and original validation data for this product please contact:

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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.