

For Research Use Only

EFCAB1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86828-1-PBS



Basic Information

Catalog Number: 86828-1-PBS	GenBank Accession Number: BC025676	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 79645	CloneNo.: 251861D3
Source: Rabbit	UNIPROT ID: Q9HAE3	
Isotype: IgG	Full Name: EF-hand calcium binding domain 1	
Immunogen Catalog Number: AG11039	Calculated MW: 211 aa, 24 kDa	
	Observed MW: 24 kDa, 18 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
mouse, rat

Background Information

EFCAB1, also known as Calaxin, is a gene that encodes a protein involved in the function of cilia and flagella, which are hair-like structures protruding from the surface of certain cells. Research indicates that EFCAB1 overexpression inhibits cell proliferation, migration, and invasion while promoting apoptosis in lung adenocarcinoma cells. This suggests that EFCAB1 could potentially serve as a biomarker for lung adenocarcinoma.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

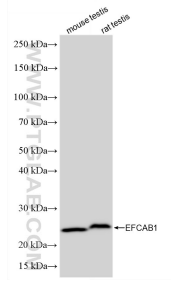
For technical support and original validation data for this product please contact:

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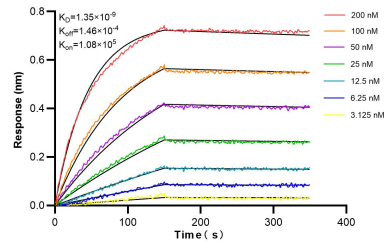
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86828-1-RR (EFCAB1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86828-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86828-1-RR against Human EFCAB1 were performed. The affinity constant is 1.35 nM.