

For Research Use Only

EFCAB1 Polyclonal antibody

Catalog Number: 17276-1-AP

1 Publications



Basic Information

Catalog Number: 17276-1-AP	GenBank Accession Number: BC025676	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 400 ug/ml by Nanodrop and 193 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 79645	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
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	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : HeLa cells, IHC : human colon tissue, human liver tissue, mouse testis tissue
Cited Applications: WB	
Species Specificity: human, mouse	
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Shengjia Shi	38934611	Andrology	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

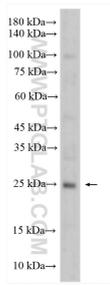
For technical support and original validation data for this product please contact:

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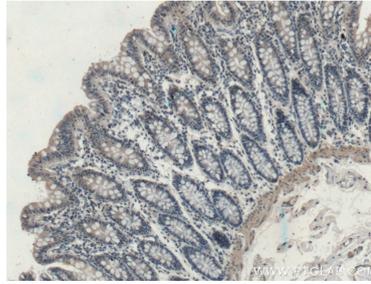
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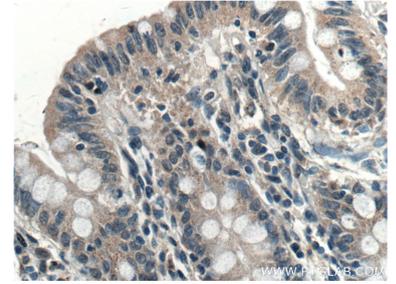
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 17276-1-AP (EFCAB1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 17276-1-AP (EFCAB1 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 17276-1-AP (EFCAB1 antibody) at dilution of 1:200 (under 40x lens).