

For Research Use Only

EFCAB4A Polyclonal antibody

Catalog Number: 32115-1-AP

Featured Product



Basic Information

Catalog Number: 32115-1-AP	GenBank Accession Number: BC033196	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 283229	Recommended Dilutions: WB: 1:1000-1:6000
Source: Rabbit	UNIPROT ID: Q8N4Y2	
Isotype: IgG	Full Name: EF-hand calcium binding domain 4A	
Immunogen Catalog Number: AG37031	Observed MW: 50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : LNCaP cells,
Species Specificity: human	

Background Information

EFCAB4A (EF-hand calcium-binding domain-containing protein 4A), also known as CRACR2B (calcium release-activated calcium channel regulator 2B), is a calcium-binding protein containing EF-hand structural domain. EFCAB4A is thought to play a key role in calcium bank-manipulated calcium endocytosis (SOCE) in T cells by regulating activation of CRAC (calcium release-activated calcium channel) channels. This protein may perform a similar function to EFCAB4B, which acts as a cytoplasmic calcium sensor that forms a complex with ORAI1 and STIM1 in the region of the junction between the endoplasmic reticulum and the plasma membrane. The EFCAB4A protein contains two EF-hand structural domains, which may be involved in calcium bank-manipulated calcium endocytosis.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

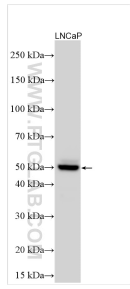
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

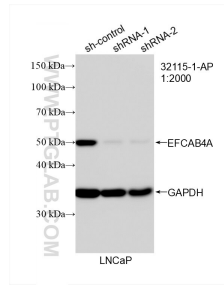
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32115-1-AP (EFCAB4A antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



WB result of EFCAB4A antibody (32115-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EFCAB4A transfected LNCaP cells.