

For Research Use Only

EFCAB4A Polyclonal antibody

Catalog Number: 32115-1-AP

Featured Product



Basic Information

Catalog Number:

32115-1-AP

Concentration:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37031

GenBank Accession Number:

BC033196

GeneID (NCBI):

283229

UNIPROT ID:

Q8N4Y2

Full Name:

EF-hand calcium binding domain 4A

Observed MW:

50 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : LNCaP cells,

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

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

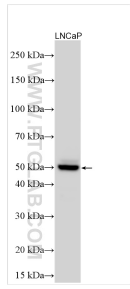
T: 4006900926

E: Proteintech-CN@ptglab.com

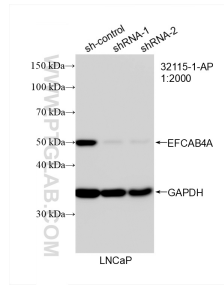
W: ptgcn.com

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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.