

For Research Use Only

SMAP2 Recombinant monoclonal antibody

Catalog Number: 88105-1-RR



Basic Information

Catalog Number:

88105-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9751

GenBank Accession Number:

BC021133

GeneID (NCBI):

64744

UNIPROT ID:

Q8WU79

Full Name:

small ArfGAP2

Calculated MW:

429 aa, 47 kDa

Observed MW:

47 kDa

Purification Method:

Protein A purification

CloneNo.:

260364G2

Recommended Dilutions:

WB: 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : LNCaP cells, PC-3 cells, K-562 cells

Background Information

SMAP2 (Small Arf GAP Protein 2) is an Arf1 GTPase-activating protein. It localizes to early endosomes/TGN, binds clathrin/AP-1, and regulates retrograde transport from recycling endosomes to the Golgi. Critical for vesicle trafficking, organelle homeostasis, and spermatogenesis. (PMID: 26136365)

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:

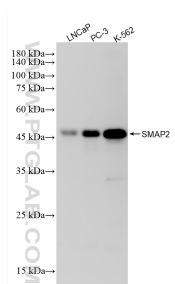
T: 4006900926

E: Proteintech-CN@ptglab.com

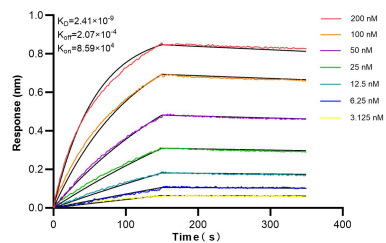
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88105-1-RR (SMAP2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 88105-1-RR against Human SMAP2 were performed. The affinity constant is 2.41 nM.