

For Research Use Only

SMAP2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 88105-1-PBS



Basic Information

Catalog Number:

88105-1-PBS

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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

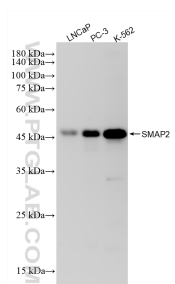
T: 4006900926

E: Proteintech-CN@ptglab.com

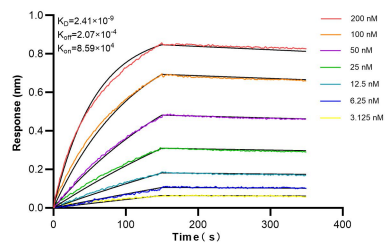
W: ptgcn.com

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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. This data was developed using the same antibody clone with 88105-1-PBS in a different storage buffer formulation.



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