

For Research Use Only

ARHGEF11 Recombinant antibody

Catalog Number: 84149-4-RR



Basic Information

Catalog Number:

84149-4-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33104

GenBank Accession Number:

GeneID (NCBI):

9826

UNIPROT ID:

O15085

Full Name:

Rho guanine nucleotide exchange factor (GEF) 11

Calculated MW:

168 kDa

Observed MW:

220 kDa

Purification Method:

Protein A purification

CloneNo.:

241427G2

Recommended Dilutions:

WB 1:2000-1:16000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293T cells, HuH-7 cells, COLO 205 cells, MDA-MB-453 cells

Background Information

ARHGEF11 (Rho guanine nucleotide exchange factor 11) is a specific guanine nucleotide exchange factor (GEF) for RhoA, which is a critical regulator of actin cytoskeleton dynamics and organization of dendritic spines and inhibitor of spine maintenance (PMID: 28036092). ARHGEF11 has been proven to promote tumor metastasis in glioblastoma and ovarian carcinoma (PMID: 33122451).

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

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

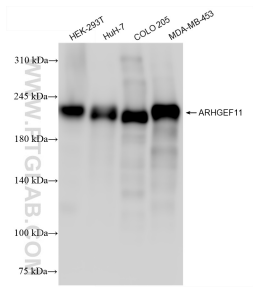
T: 4006900926

E: Proteintech-CN@ptglab.com

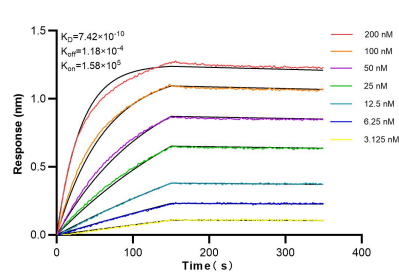
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84149-4-RR (ARHGEF11 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84149-4-RR against Human ARHGEF11 were performed. The affinity constant is 0.742 nM.