

For Research Use Only

PHLDA1 Recombinant antibody

Catalog Number: 85783-1-RR



Basic Information

Catalog Number:

85783-1-RR

Size:

100ul , Concentration: 1000 µg/ml by
Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13125

GenBank Accession Number:

BC018929

GeneID (NCBI):

22822

UNIPROT ID:

Q8WV24

Full Name:

pleckstrin homology-like domain,
family A, member 1

Calculated MW:

45 kDa

Observed MW:

40 kDa

Purification Method:

Protein A purification

CloneNo.:

243156B7

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : MDA-MB-231 cells, HeLa cells, BxPC-3 cells, A375
cells

Background Information

PHLDA1, also known as PHRIP and TDAG51, is a multifunctional protein involved in various biological processes. It can induce apoptosis in various cell types, including T cells, hippocampal cells, endothelial cells, melanoma cells, and mouse embryonic fibroblasts (PMID: 30207029). PHLDA1 plays a role in inhibiting growth factor signaling and has been implicated in tumor suppression through its ability to repress Akt activity by binding to phosphatidylinositol (PIP) lipids (PMID: 36142223).

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

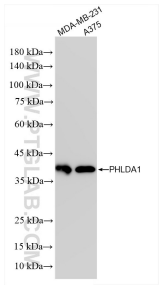
For technical support and original validation data for this product please contact:

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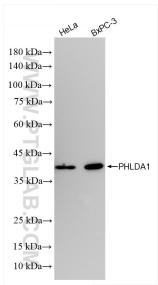
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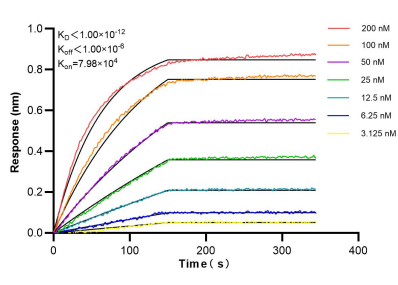
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85783-1-RR (PHLDA1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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Biolayer interferometry (BLI) kinetic assays of 85783-1-RR against Human PHLDA1 were performed. The affinity constant is below 1 pM.