

For Research Use Only

PHLDA1 Recombinant antibody, PBS Only

Catalog Number: 85783-1-PBS



Basic Information

Catalog Number:

85783-1-PBS

Size:

100ug , Concentration: 1 mg/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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

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 -80°C.

Storage Buffer:

PBS only, pH7.3

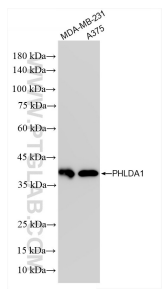
For technical support and original validation data for this product please contact:

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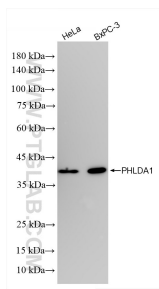
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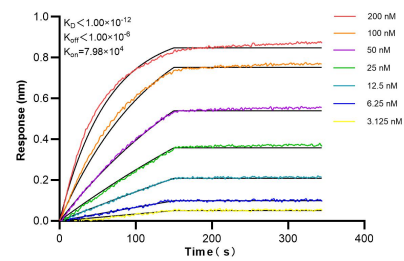
Selected Validation Data



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. This data was developed using the same antibody clone with 85783-1-PBS in a different storage buffer formulation.



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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.