For Research Use Only

PHLDA1 Recombinant antibody, PBS Only

Catalog Number:85783-1-PBS

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Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
85783-1-PBS

Concentration:
1000 μg/ml

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).

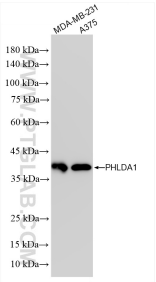
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

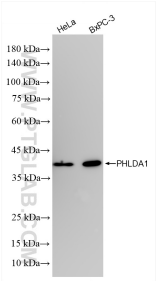
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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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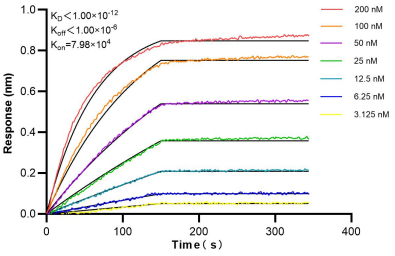

Biolayer interferometry (BLI) kinetic assays of 85783-1-RR against Human PHLDA1 were performed. The affinity constant is below 1 pM.