

For Research Use Only

PHLDA1 Polyclonal antibody, PBS Only

Catalog Number: 18263-1-PBS

Featured Product



Basic Information

Catalog Number:

18263-1-PBS

Concentration:

1 mg/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:

40-45 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

PHLDA1, also known as PHRIIP 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:

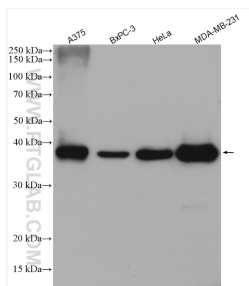
T: 4006900926

E: Proteintech-CN@ptglab.com

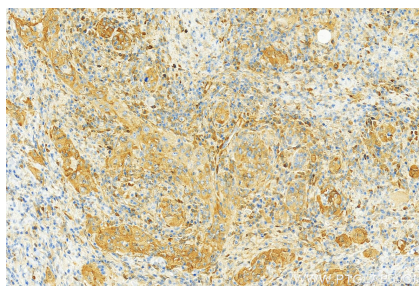
W: ptgcn.com

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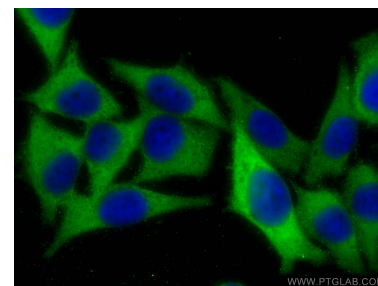
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 18263-1-AP (PHLDA1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 18263-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded skin cancer slide using 18263-1-AP (PHLDA1 antibody) at dilution of 1:800 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 18263-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed A375 cells using PHLDA1 antibody (18263-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 18263-1-PBS in a different storage buffer formulation.