

PDLIM4 Rabbit pAb

Catalog No.: A20463

1 Publications

Basic Information

Observed MW

35kDa

Calculated MW

35kDa

Category

Primary antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

Enables alpha-actinin binding activity; protein homodimerization activity; and protein phosphatase binding activity. Involved in actin cytoskeleton reorganization. Located in several cellular components, including lamellipodium; perinuclear region of cytoplasm; and stress fiber. Part of filamentous actin. Implicated in osteoporosis.

Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

8572

Swiss Prot

P50479

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

RIL; PDLIM4

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

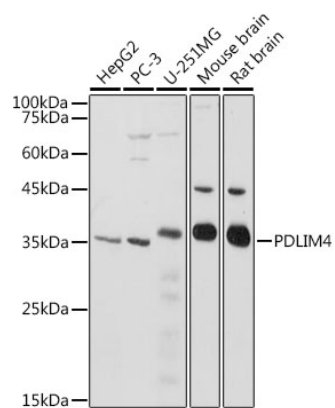
Affinity purification

Storage

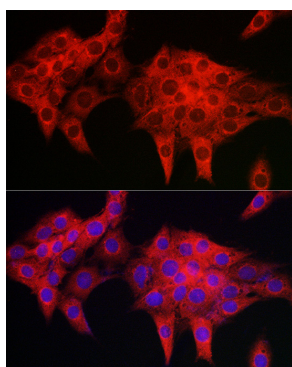
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using PDLIM4 Rabbit pAb (A20463) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.



Immunofluorescence analysis of PC-12 cells using PDLIM4 Rabbit pAb (A20463) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.