

A20463

Leader in Biomolecular Solutions for Life Science



## PDLIM4 Rabbit pAb

Catalog No.: A20463

### Basic Information

#### Observed MW

35kDa

#### Calculated MW

35kDa

#### Category

Polyclonal 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

 [www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

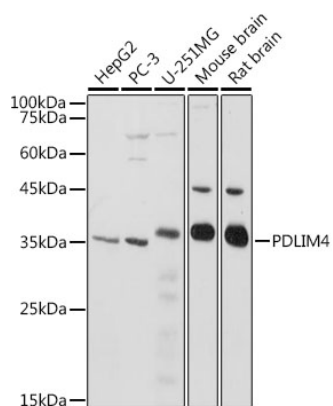
Affinity purification

#### Storage

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

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of various lysates using PDLIM4 Rabbit pAb (A20463) at 1:1000 dilution.

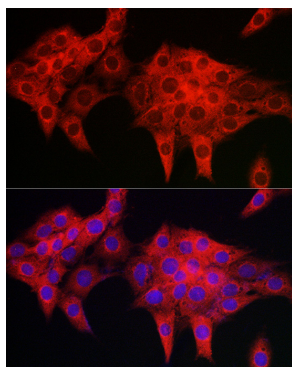
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

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.