

PLS3 Rabbit pAb

Catalog NO.: A3627

Basic Information

Observed MW

71kDa

Calculated MW

71kDa

Category

Polyclonal Antibodies

Applications

WB, IP, ELISA

Cross-Reactivity

Human,Mouse,Rat

Conjugation

Unconjugated

Background

Plastins are a family of actin-binding proteins that are conserved throughout eukaryote evolution and expressed in most tissues of higher eukaryotes. In humans, two ubiquitous plastin isoforms (L and T) have been identified. Plastin 1 (otherwise known as Fimbrin) is a third distinct plastin isoform which is specifically expressed at high levels in the small intestine. The L isoform is expressed only in hemopoietic cell lineages, while the T isoform has been found in all other normal cells of solid tissues that have replicative potential (fibroblasts, endothelial cells, epithelial cells, melanocytes, etc.). The C-terminal 570 amino acids of the T-plastin and L-plastin proteins are 83% identical. It contains a potential calcium-binding site near the N terminus. Alternate splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:1000

IP

0.5μg-4μg antibody for 200μg-400μg extracts of whole cells

ELISA

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

Immunogen Information

Gene ID

5358

Swiss Prot

P13797

Immunogen

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

Synonyms

BMND18; T-plastin; PLS3

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

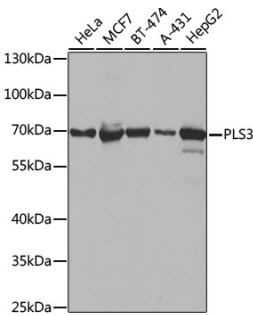
Affinity purification

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 PLS3 Rabbit pAb (A3627) at 1:1000 dilution.

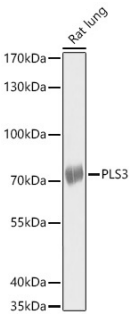
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Western blot analysis of lysates from Rat lung using PLS3 Rabbit pAb (A3627) at 1:1000 dilution.

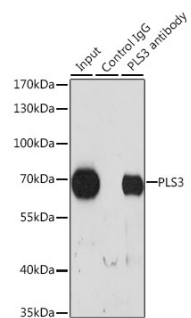
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Immunoprecipitation analysis of 200 µg extracts of HeLa cells, using 3 µg PLS3 antibody (A3627). Western blot was performed from the immunoprecipitate using PLS3 antibody (A3627) at a dilution of 1:1000.