

Rabbit anti-Human T Plastin/PLS3 Polyclonal Antibody | anti-PLS3 antibody

Anti-T Plastin/PLS3 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255802	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

T Plastin/PLS3; Polyclonal Antibody; Anti-T Plastin/PLS3 Antibody; Rabbit Polyclonal; T Plastin/PLS3 Antibody; Rabbit PAb; Antigen Affinity Purified; plastin 3; Anti-BMND18 Antibody; Anti-T-plastin Antibody; anti-PLS3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human T Plastin/PLS3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PLS3 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Human T Plastin/PLS3 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human T Plastin/PLS3 (rh T Plastin/PLS3). T Plastin/PLS3 specific IgG was purified by Human T Plastin/PLS3 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

PLS3 was immunoprecipitated using: Lane A: 0.5 mg K562 Whole Cell Lysate 4 uL anti-PLS3 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-PLS3 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 60 kDa. Observed band size: 60 kDa.



IHC (Immunohistochemistry)

Immunochemical staining of human PLS3 in human kidney with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-PLS3 rabbit polyclonal antibody at 1:500 dilution
Lane A: Raji Whole Cell Lysate
Lane B: K562 Whole Cell Lysate
Lane C: HT1080 Whole Cell Lysate
Lysates/proteins at 30 ug per lane.
Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.
Developed using the ECL technique.
Performed under reducing conditions.
Predicted band size: 70 kDa
Observed band size: 70 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PLS3 antibody	PLS3, also known as plastin 3, belongs to the plastin family. Members of this family are actin-binding proteins that are conserved throughout eukaryote evolution and expressed in most tissues of higher eukaryotes. There are two ubiquitous plastin isoforms in humans: L and T. 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.). PLS3 contains 2 actin-binding domains, 4 CH (calponin-homology) domains and 2 EF-hand domains. It is expressed in a variety of organs, including muscle, brain, uterus and esophagus.
References	Lin CS. et al., 1993, J Biol Chem 268 (4): 2781-92. Goldstein D. et al., 1985, Cancer Res. 45 (2): 5643-7. Arpin M. et al., 1995, J Cell Biol. 127 (2): 1995-2008.

NCBI AND UNIPROT INFORMATION

NCBI GI #	226694201
NCBI GeneID	5358
UniProt Accession #	P13797; Q86YI6; A8K579; B1AQ09; B4DGB4; B7Z6M1
Molecular Weight	630
NCBI Official Full Name	Plastin-3
NCBI Official Synonym Full Names	plastin 3
NCBI Official Symbol	PLS3
NCBI Official Synonym Symbols	BMND18; T-plastin
NCBI Protein Information	plastin-3; T fimbrin; T plastin
UniProt Protein Name	Plastin-3
UniProt Gene Name	PLS3
UniProt Entry Name	PLST_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/t-plastin-pls3-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/255802>