

Rabbit anti-Human PLS1 Polyclonal Antibody | anti-PLS1 antibody

PLS1 Antibody (C-term)

CATALOG # AAA284032	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

PLS1; Polyclonal Antibody; PLS1 Antibody (C-term); Plastin-1; Intestine-specific plastin; I-plastin; anti-PLS1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PLS1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 550-579 amino acids from the C-terminal region of human PLS1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	550-579
Sequence Length	629
Applicable Applications for anti-PLS1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

PLS1 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PLS1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

PLS1 Antibody (C-term) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the PLS1 antibody detected the PLS1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PLS1 antibody	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. The protein encoded by this gene is a third distinct plastin isoform, which is specifically expressed at high levels in the small intestine. Alternatively spliced transcript variants varying in the 5' UTR, but encoding the same protein, have been found for this gene. A pseudogene of this gene is found on chromosome 11.
Product Categories/Family for anti-PLS1 antibody	Signal Transduction
References	Chafel, M.M., et al. Dev. Dyn. 203(2):141-151(1995) Lin, C.S., et al. Mol. Cell. Biol. 14(4):2457-2467(1994) Shibata, M., et al. J. Leukoc. Biol. 54(1):10-16(1993) Lin, C.S., et al. J. Biol. Chem. 268(4):2781-2792(1993) Zu, Y., et al. Biochemistry 29(4):1055-1062(1990)

NCBI AND UNIPROT INFORMATION

NCBI GI #	223718250
NCBI GeneID	5357
NCBI Accession #	NP_001138791.1; NP_001165783.1; NP_002661.2
NCBI GenBank Nucleotide #	NM_001145319.1
UniProt Accession #	Q14651; Q8NEG6; A8K2Q1; D3DNG3
Molecular Weight	70253
NCBI Official Full Name	plastin-1
NCBI Official Synonym Full Names	plastin 1
NCBI Official Symbol	PLS1
NCBI Protein Information	plastin-1
UniProt Protein Name	Plastin-1
UniProt Gene Name	PLS1
UniProt Synonym Gene Names	I-plastin
UniProt Entry Name	PLSI_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/pls1-antibody-immunohistochemistry-western-blot-elisa/284032>