

Rabbit PLAT Polyclonal Antibody | anti-PLAT antibody

PLAT antibody - middle region

CATALOG # AAA200725	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

PLAT; Polyclonal Antibody; PLAT antibody - middle region; anti-PLAT antibody

PRODUCT SPECIFICATIONS

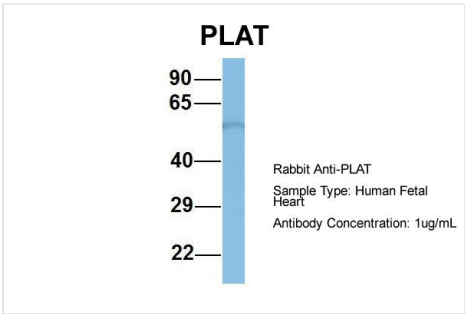
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5- 1 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: TV ILGRTYRVVP GEEQKFEVE KYIVHKEFDD DTYNDIALL QLKSDSSR
Sequence Length	516
Applicable Applications for anti-PLAT antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 82%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PLAT
Protein Size	516 amino acids
Protein Interactions	PDGFC; POT1; TERF2; CKAP4; LRP1B; GRIN1; SERPING1; SERPINI1; SERPINA5; MAPK3; LAMA3; F10; PLAUI; CLEC3B; SPARC; MAPK1; PLAT; SERPINE1; PLG; HMGB1; ANXA2; LAMA1; KRT8; FGA; CALR; LRP1; FN1; LAMA5; F2;
Replacement Item	This antibody may replace item sc-15346 from Santa Cruz Biotechnology.
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



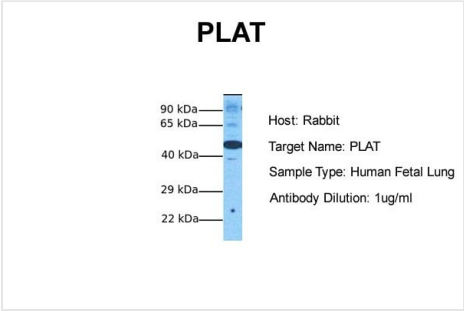
WB (Western Blot)

WB Suggested Anti-PLAT Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:312500Positive Control: PANC1 cell lysate



WB (Western Blot)

Host: RabbitTarget Name: PLATSample Type: Human Fetal HeartAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: PLATSample Tissue: Human Fetal LungAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PLAT antibody	This is a rabbit polyclonal antibody against PLAT. It was validated on Western Blot using a cell lysate as a positive control. Target Description: This gene encodes tissue-type plasminogen activator, a secreted serine protease which converts the proenzyme plasminogen to plasmin, a fibrinolytic enzyme. Tissue-type plasminogen activator is synthesized as a single chain which is cleaved by plasmin to a two chain disulfide linked protein. This enzyme plays a role in cell migration and tissue remodeling. Increased enzymatic activity causes hyperfibrinolysis, which manifests as excessive bleeding; decreased activity leads to hypofibrinolysis which can result in thrombosis or embolism. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms.
Product Categories/Family for anti-PLAT antibody	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	14702169
NCBI GeneID	5327
NCBI Accession #	NP_127509
NCBI GenBank Nucleotide #	NM_033011
UniProt Accession #	P00750-3; P00750
Molecular Weight	53kDa
NCBI Official Full Name	tissue-type plasminogen activator isoform 3
NCBI Official Synonym Full Names	plasminogen activator, tissue type
NCBI Official Symbol	PLAT

NCBI Official Synonym Symbols	TPA; T-PA
NCBI Protein Information	tissue-type plasminogen activator
UniProt Protein Name	Tissue-type plasminogen activator
UniProt Gene Name	PLAT
UniProt Synonym Gene Names	t-PA; t-plasminogen activator; tPA
UniProt Entry Name	TPA_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/plat-antibody-western-blot-elisa/200725>