

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

PLAT Antibody

CATALOG # AAA230363	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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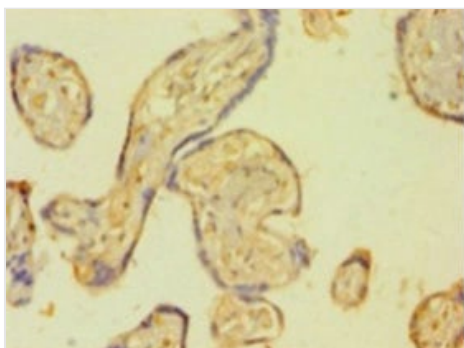
PRODUCT SYNONYMS

PLAT; Polyclonal Antibody; PLAT Antibody; t-plasminogen activator; anti-PLAT antibody

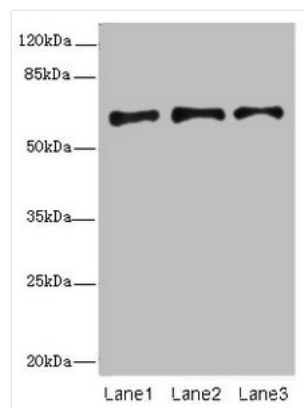
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	562
Applicable Applications for anti-PLAT antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Tissue-type plasminogen activator protein(311-556aaaa)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-5239 / sc-5241 / sc-59721 / sc-15346
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta tissue using AAA230363 at dilution 1:100


WB (Western Blot)

Western blotAll lanes: tissue-type plasminogen activator antibody at 16ug/mL
Lane 1: Jurkat whole cell lysate
Lane 2: Mouse stomach tissue
Lane 3: Mouse kidney tissue
SecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilution
Predicted band size: 63,33,58,45 kDa
Observed band size: 63 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PLAT antibody	Converts the abundant, but inactive, zymogen plasminogen to plasmin by hydrolyzing a single Arg-Val bond in plasminogen. By controlling plasmin-mediated proteolysis, it plays an important role in tissue remodeling and degradation, in cell migration and many other physiopathological events. Plays a direct role in facilitating neuronal migration. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505861
NCBI GeneID	5327
NCBI Accession #	NP_000921.1
NCBI GenBank Nucleotide #	NM_000930.4
UniProt Accession #	P00750; Q15103; Q503B0; Q6PJA5; Q7Z7N2; Q86YK8; Q9BU99; Q9BZW1; A8K022; B2R8E8
Molecular Weight	44,373 Da
NCBI Official Full Name	tissue-type plasminogen activator isoform 1 preproprotein
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://www.aaabiotech.com/polyclonal/plat-antibody-immunohistochemistry-western-blot-elisa/230363>