

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

TPA Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285030	Rabbit	Human	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

TPA; Polyclonal Antibody; TPA Antibody (Center); Tissue-type plasminogen activator; t-PA; t-plasminogen activator; tPA; Alteplase; Reteplase; Tissue-type plasminogen activator chain A; Tissue-type plasminogen activator chain B; PLAT; anti-PLAT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TPA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 371-399 amino acids from the Central region of human TPA.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	371-399
Sequence Length	395
Applicable Applications for anti-PLAT antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
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



FCM/FACS (Flow Cytometry)

TPA Antibody (Center)? flow cytometric analysis of A2058 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

TPA Antibody (Center) (RB18787) IHC analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TPA Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of TPA Antibody (Center) in A2058 cell line lysates (35ug/lane). TPA (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PLAT antibody	TPA is a 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.
Product Categories/Family for anti-PLAT antibody	Cancer ; Cardiovascular ; Cell Biology ; Immunology ; Metabolism ; Neuroscience ; Signal Transduction
References	de Vos,A.M., et.al., Biochemistry 31 (1), 270-279 (1992) Bentov,Y., et.al., PLoS ONE 4 (6), E5918 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505861
NCBI GeneID	5327
NCBI Accession #	NP_000921.1 ; NP_127509.1
NCBI GenBank Nucleotide #	NM_000930.3
UniProt Accession #	P00750 ; Q15103 ; Q503B0 ; Q6PJA5 ; Q7Z7N2 ; Q86YK8 ; Q9BU99 ; Q9BZW1 ; A8K022 ; B2R8E8
Molecular Weight	62917
NCBI Official Full Name	tissue-type plasminogen activator isoform 1 preproprotein
NCBI Official Synonym Full Names	plasminogen activator, tissue
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/tpa-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/285030>