

PLAT

Reactivity:Human Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:200 - 1:1000 IHC 1:50 - 1:200

Calculated MW:63kDa

Observed MW:Refer to figures

Immunogen:

A synthetic peptide of human PLAT

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

TPA; T-PA;

Catalog #:A3132

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:5327

Isotype:IgG

Swiss Prot:P00750

Purity:Affinity purification

For research use only.

Background:

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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