
Product Name: PLAT (12E12) Rabbit Monoclonal Antibody**Catalog #: AMRe16244**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IF-P
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1000-1:5000,IHC 1:100-1:1000,IF-P 1:100-1:1000
Molecular Weight	63kDa

Antigen Information

Gene Name	PLAT
Alternative Names	TPA; T-PA; TPA1; PLAT; Tissue plasminogen activator;
Gene ID	5327.0
SwissProt ID	P00750
Immunogen	A synthetic peptide of human TPA Tissue Plasminogen Activator

Background

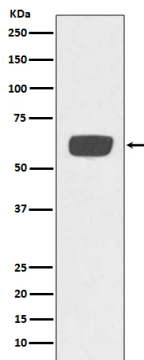
This gene encodes tissue-type plasminogen activator, a secreted serine protease which converts the proenzyme plasminogen

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. 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. During oocyte activation, plays a role in cortical granule reaction in the zona reaction, which contributes to the block to polyspermy (By similarity).

Research Area

Complement and coagulation cascades;

Image Data



Western blot analysis of PLAT expression in human plasma lysate.