

## Basic Information

Product Name	Anti-tPA/PLAT Antibody	
Gene Name	PLAT	
Source	Rabbit	
Isotype	IgG	
Species Reactivity	human, mouse, rabbit, rat	
Tested Application	WB, IHC	
Contents	500 ug/ml antibody with PBS , 0.02% NaN3 , 1 mg BSA and 50% glycerol.	
Immunogen	A synthetic peptide corresponding to a sequence of human PLAT(QKDVPGVYTKVTNYLDWIRDNM RP).	
concentration	500 ug/ml	
Purification	Immunogen affinity purified.	
Observed MW	63-69KD	
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry in paraffin section (IHC): 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.	

## Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

## Background Information

PLAT is also known as tPA. 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.

## Selected Validation Data

Product datasheet

## Anti-tPA/PLAT Antibody

Catalog Number: **BA1366**

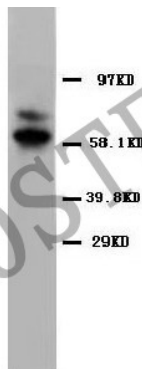
# BOSTER

antibody and ELISA experts

**BOSTER BIOLOGICAL TECHNOLOGY**

Special NO.1, International Enterprise Center,  
2nd Guanshan Road, Wuhan, China

**Web:** www.boster.com.cn **Phone:** +86 027-67845390 **Fax:** +86 027-67845390 **Email:** boster@boster.com.cn



PLAT(BA1366)(MW:63KD)大鼠肝脏组织裂解，免疫印迹分析。