

Datasheet for ABIN6145743
anti-PLAT antibody (AA 23-320)



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1 Image

Overview

Quantity:	100 µL
Target:	PLAT
Binding Specificity:	AA 23-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLAT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 23-320 of human tPA/tPA/PLAT (NP_000921.1).
Sequence:	SQEIHARFRR GARSYQVICR DEKTQMIYQQ HQSWLRPVLR SNRVEYCWCN SGRAQCHSVP VKSCSEPRCF NGGTCQQALY FSDFVCQCPE GFAGKCCEID TRATCYEDQG ISYRGTWSTA ESGAECTNWN SSALAQKPYS GRRPDAILRG LGNHNYCRNP DRDSKPWCYV FKAGKYSSEF CSTPACSEGN SDCYFGNGSA YRGTHSLTES GASCLPWNSM ILIGKVYTAQ NPSAQALGLG KHNYCRNPDG DAKPWCHVLK NRRLTWEYCD VPSCSTCGLR QYSQPQFRIK GGLFADIA
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

Target Details

Target:	PLAT
Alternative Name:	PLAT (PLAT Products)
Background:	This gene encodes tissue-type plasminogen activator, a secreted serine protease that converts the proenzyme plasminogen to plasmin, a fibrinolytic enzyme. The encoded preproprotein is proteolytically processed by plasmin or trypsin to generate heavy and light chains. These chains associate via disulfide linkages to form the heterodimeric enzyme. This enzyme plays a role in cell migration and tissue remodeling. Increased enzymatic activity causes hyperfibrinolysis, which manifests as excessive bleeding, while decreased activity leads to hypofibrinolysis, which can result in thrombosis or embolism. Alternative splicing of this gene results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. PLAT,T-PA,TPA,Cancer,Cell Biology & Developmental Biology,Ubiquitin,Endocrine & Metabolism,Cardiovascular,Blood,Serum Proteins,Hypoxia,PLAT
Molecular Weight:	32 kDa/44 kDa/57 kDa/62 kDa
Gene ID:	5327
UniProt:	P00750
Pathways:	Autophagy , Smooth Muscle Cell Migration , Platelet-derived growth Factor Receptor Signaling , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

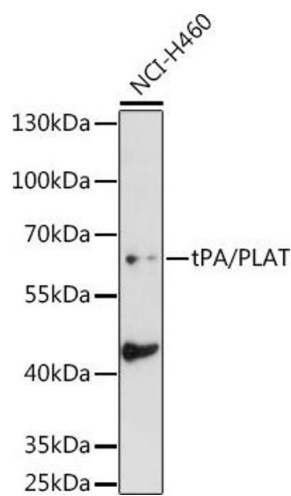
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Handling

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of NCI-H460 cells, using tPA/tPA/PLAT antibody (ABIN6128802, ABIN6145743, ABIN6145744 and ABIN6221299) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.