

Polyclonal Antibody to Tissue Plasminogen Activator (tPA)

Tissue Plasminogen Activator
Catalog # AP74589

Product Information

Application	WB
Primary Accession	Q8SQ23
Reactivity	Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63668

Additional Information

Gene ID	397121
Other Names	PLAT; T-PA; t-plasminogen activator; Alteplase; Reteplase
Target/Specificity	Sus scrofa; Porcine (Pig)
Dilution	WB~~Western blotting: 0.5-2ug/ml Immunocytochemistry in formalin fixed cells: 5-20ug/ml Immunohistochemistry in formalin fixed frozen section: 5-20ug/ml Immunohistochemistry in paraffin section: 5-20ug/ml Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml Optimal working dilutions must be determined by end user.
Format	0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	PLAT
Function	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.
Cellular Location	Secreted, extracellular space.

Images

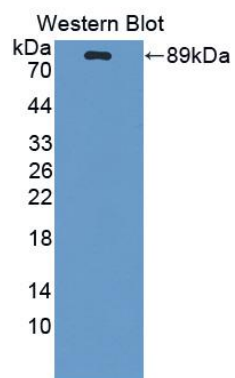


Figure. Western Blot; Sample: Recombinant tPA, Porcine.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.