

Thrombin Antibody

Rabbit Polyclonal Antibody Catalog # ABV11236

Specification

Thrombin Antibody - Product Information

Application WB
Primary Accession P00734
Reactivity Human, Rat
Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Calculated MW 70037

Thrombin Antibody - Additional Information

Gene ID 2147

Positive Control Application & Usage **Other Names** Activated Factor IIa

Target/Specificity

Thrombin

Antibody Form

Liquid

Appearance Colorless liquid

Formulation

100 μg (0.5 mg/ml) of antibody in PBS pH 7.2, 0.01 % BSA, 0.03 % ProClin®, and 50 % glycerol.

Western Blot: rat kidney lysate

Western blot: 1-4 μg

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

Thrombin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Thrombin Antibody - Protein Information



Name F2

Function

Thrombin, which cleaves bonds after Arg and Lys, converts fibrinogen to fibrin and activates factors V, VII, VIII, XIII, and, in complex with thrombomodulin, protein C. Functions in blood homeostasis, inflammation and wound healing.

Cellular Location

Secreted, extracellular space.

Tissue Location

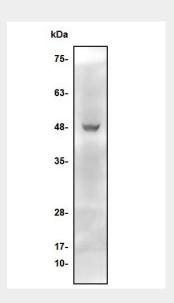
Expressed by the liver and secreted in plasma.

Thrombin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Thrombin Antibody - Images



Western blot with Thrombin antibody: 60 µg Rat kidney lysate

Thrombin Antibody - Background

Thrombin enzyme (Activated Factor IIa) is an important clotting promoter that controls the transformation of soluble fibrinogen to insoluble active fibrin strands. Thrombin is a coagulation protein and a serine protease (EC 3.4.21.5) that catalyzes many coagulation-related reactions. Thrombin triggers factor-XI, factor-V, Factor-XIII and factor-VIII. Thrombin endorses platelet





activation, using activation of protease-activated receptors on the platelet. Thrombin maintains vascular integrity during development and postnatal life and coordinates connective tissue proteins by stimulating fibroblast procollagen production.