

Cleaved-Thrombin APII (R327) Polyclonal Antibody

Catalog # AP63152

Product Information

Application WB, E **Primary Accession** P00734

Reactivity Human, Rat, Mouse

HostRabbitClonalityPolyclonalCalculated MW70037

Additional Information

Gene ID 2147

Other Names F2; Prothrombin; Coagulation factor II

Dilution WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other

applications. E~~N/A

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

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. Activates coagulation factor XI (F11); activation is promoted by the contact with negatively charged surfaces (PubMed:2019570, PubMed:21976677). Triggers the production of pro- inflammatory cytokines, such as MCP-1/CCL2 and IL8/CXCL8, in endothelial cells (PubMed:30568593,

PubMed: 9780208).

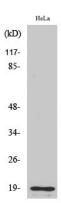
Cellular Location Secreted, extracellular space.

Tissue Location Expressed by the liver and secreted in plasma.

Background

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

Images



Western Blot analysis of various cells using Cleaved-Thrombin APII (R327) Polyclonal Antibody

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