

Cleaved-Thrombin APII (R327) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01966
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human THRB. AA range:278-327
Mol wt	70037
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Cleaved-Thrombin APII (R327) Antibody
Synonyms	F2; Prothrombin; Coagulation factor II

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Coagulation factor II is proteolytically cleaved to form thrombin in the first step of the coagulation cascade which ultimately results in the stemming of blood loss. F2 also plays a role in maintaining vascular integrity during development and postnatal life. Peptides derived from the C-terminus of this protein have antimicrobial activity against *E. coli* and *P. aeruginosa*. Mutations in F2 lead to various forms of thrombosis and dysprothrombinemia. Alternative splicing results in multiple transcript variants.

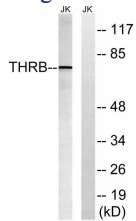
Recommended Dilution

WB: 1: 500 - 1: 2000

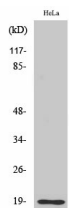
ELISA: 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from Jurkat cells, treated with etoposide 25uM 24H, using THRB (AP2, Cleaved-Arg327) Antibody. The lane on the right is blocked with the synthesized peptide.



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

Storage

-20°C for one year

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