



# Cleaved-Thrombin R (S42) rabbit pAb

Cat No.:ES5185

For research use only

## Overview

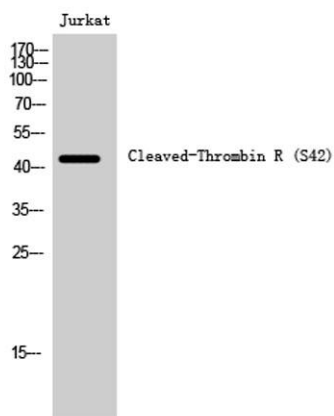
<b>Product Name</b>	Cleaved-Thrombin R (S42) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PAR1. AA range:23-72
<b>Specificity</b>	Cleaved-Thrombin R (S42) Polyclonal Antibody detects endogenous levels of fragment of activated Thrombin R protein resulting from cleavage adjacent to S42.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Proteinase-activated receptor 1
<b>Gene Name</b>	F2R
<b>Cellular localization</b>	Cell membrane; Multi-pass membrane protein.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	46kD
<b>Human Gene ID</b>	2149
<b>Human Swiss-Prot Number</b>	P25116
<b>Alternative Names</b>	F2R; CF2R; PAR1; TR; Proteinase-activated receptor 1; PAR-1; Coagulation factor II receptor; Thrombin receptor
<b>Background</b>	Coagulation factor II receptor is a 7-transmembrane receptor involved in the regulation of thrombotic response. Proteolytic cleavage leads to the activation of the receptor. F2R is a G-protein





coupled receptor family member. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2015],

Western Blot analysis of Jurkat cells using Cleaved-Thrombin R (S42) Polyclonal Antibody



Western blot analysis of lysates from Jurkat cells, using PAR1 (Cleaved-Ser42) Antibody. The lane on the right is blocked with the synthesized peptide.

