

## PAR1 Rabbit Polyclonal Antibody

### Catalog #: EAB11620

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Polyclonal	WB, ELISA	48	Human, Mouse, Rat

### Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>WB</b> (Western Blotting)	1:500-2000
<b>ELISA</b> (Enzyme-linked Immunosorbent Assay)	1:5000-20000

### Product Information

<b>Conjugate</b>	Unconjugate
<b>Specificity</b>	PAR1 Rabbit Polyclonal Antibody detects endogenous levels of PAR1 protein.
<b>Purification</b>	Affinity purification
<b>Concentration</b>	1mg/ml
<b>Format</b>	Liquid
<b>Formulation</b>	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol
<b>Shipping</b>	Gel Pack
<b>Storage</b>	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks
<b>UniProt ID</b>	<a href="#">P25116</a>
<b>Entrez-Gene ID</b>	<a href="#">2149</a>

### Product Description

PAR1 also designated thrombin receptor, F2R, coagulation factor II 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. Thrombin is a serine protease that is involved in platelet aggregation and blood coagulation. It is cleaved from its precursor, prothrombin, and converts fibrinogen to Fibrin in the final step of the clotting cascade. Thrombin mediates its regulatory effects by activating cell surface receptors. These receptors, including PAR1, PAR-2 and PAR-3, are members of the G protein-coupled receptor family, and share a similar gene structure.

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