



# PAR-3 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-13655
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	IF;ELISA
<b>Gene Name</b>	F2RL2
<b>Protein Name</b>	Proteinase-activated receptor 3
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human F2RL2. AA range:38-87
<b>Specificity</b>	PAR-3 Polyclonal Antibody detects endogenous levels of PAR-3 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	F2RL2; PAR3; Proteinase-activated receptor 3; PAR-3; Coagulation factor II receptor-like 2; Thrombin receptor-like 2
<b>Observed Band</b>	
<b>Cell Pathway</b>	Cell membrane; Multi-pass membrane protein.
<b>Tissue Specificity</b>	Highest expression in the megakaryocytes of the bone marrow, lower in mature megakaryocytes, in platelets and in a variety of other tissues such as heart and gut.
<b>Function</b>	function:Receptor for activated thrombin coupled to G proteins that stimulate phosphoinositide hydrolysis.,PTM:A proteolytic cleavage generates a new N-terminus that functions as a tethered ligand.,similarity:Belongs to the G-protein coupled receptor 1 family.,subunit:Interacts with INSC/inscuteable and probably GP52.,tissue specificity:Highest expression in the megakaryocytes of the bone marrow, lower in mature megakaryocytes, in platelets and in a variety of other tissues such as heart and gut.,
<b>Background</b>	This gene encodes a member of the protease-activated receptor (PAR) family which is a subfamily of the seven transmembrane G protein-coupled cell surface receptor family. The encoded protein acts as a cofactor in the thrombin-mediated cleavage and activation of the protease-activated receptor family member PAR4. The encoded protein plays an essential role in hemostasis and thrombosis.



Alternate splicing results in multiple transcript variants that encode different isoforms. [provided by RefSeq, Feb 2012],

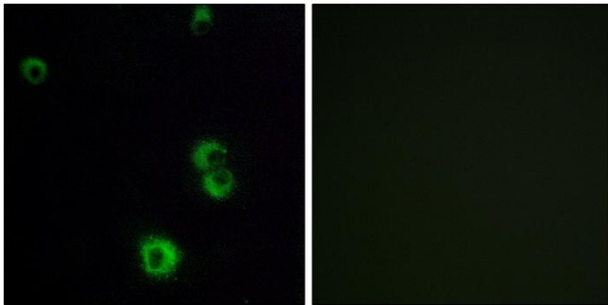
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Immunofluorescence analysis of MCF7 cells, using F2RL2 Antibody. The picture on the right is blocked with the synthesized peptide.