

PAR-3 Polyclonal Antibody

Catalog No :	YT3586
Reactivity :	Human;Rat;Mouse;
Applications :	IF;ELISA
Target :	PAR-3
Fields :	>>Neuroactive ligand-receptor interaction;>>Complement and coagulation cascades
Gene Name :	F2RL2
Protein Name :	Proteinase-activated receptor 3
Human Gene Id :	2151
Human Swiss Prot No :	O00254
Mouse Swiss Prot No :	O08675
Immunogen :	The antiserum was produced against synthesized peptide derived from human F2RL2. AA range:38-87
Specificity :	PAR-3 Polyclonal Antibody detects endogenous levels of PAR-3 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 43kD

Cell Pathway : Neuroactive ligand-receptor interaction;

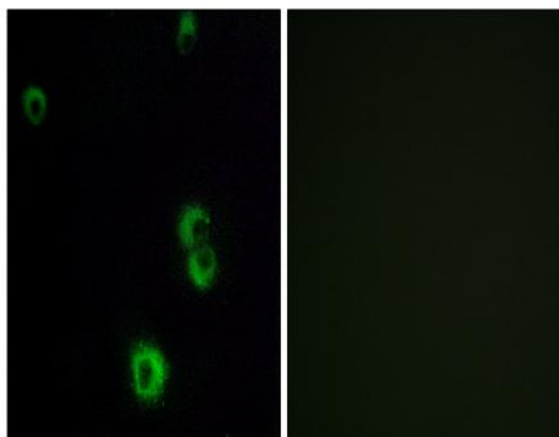
Background : This gene encodes a member of the protease-activated receptor (PAR) family which is a subfamily of the seven transmembrane G protein-coupled cell surface receptor family. The encoded protein acts as a cofactor in the thrombin-mediated cleavage and activation of the protease-activated receptor 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],

Function : 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 GPSM2.,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.,

Subcellular Location : Cell membrane; Multi-pass membrane protein.

Expression : 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.

Products Images



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