

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 000254

No:

Mouse Swiss Prot 008675

No:

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:

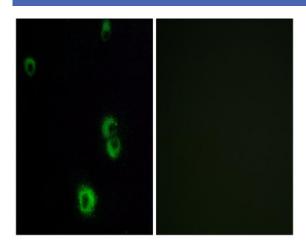
function:Receptor for activated thrombin coupled to G proteins that stimulate phosphoinositide hydrolysis.,PTM:A proteolytic cleavage generates a new N-terminus that functions as a tethered ligand.,similarity:Belongs to the G-protein coupled receptor 1 family.,subunit:Interacts with INSC/inscuteable 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.