10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PAR4 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50034

Product Information

Application	WB, IF
Primary Accession	Q96RI0
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Calculated MW	41133

Additional Information

Gene ID	9002
Other Names	Proteinase-activated receptor 4, PAR-4, Coagulation factor II receptor-like 3, Thrombin receptor-like 3, F2RL3, PAR4
Dilution	WB~~ 1:1000 IF~~1:100
Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
Storage Conditions	-20℃

Protein Information

Name	F2RL3
Synonyms	PAR4
Function	Receptor for activated thrombin or trypsin coupled to G proteins that stimulate phosphoinositide hydrolysis (PubMed:10079109). May play a role in platelets activation (PubMed:10079109).
Cellular Location	Cell membrane; Multi-pass membrane protein.
Tissue Location	Widely expressed, with highest levels in lung, pancreas, thyroid, testis and small intestine. Not expressed in brain, kidney, spinal cord and peripheral blood leukocytes. Also detected in platelets

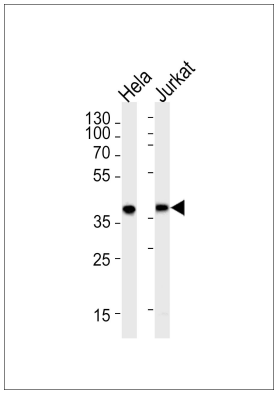
Background

Receptor for activated thrombin or trypsin coupled to G proteins that stimulate phosphoinositide hydrolysis. May play a role in platelets activation.

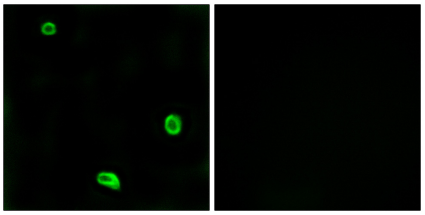
References

Kahn M.L.,et al.J. Biol. Chem. 273:23290-23296(1998).
Kahn M.L.,et al.Nature 394:690-694(1998).
Xu W.-F.,et al.Proc. Natl. Acad. Sci. U.S.A. 95:6642-6646(1998).
King M.M.,et al.Submitted (OCT-2003) to the EMBL/GenBank/DDBJ databases.
Kahn M.L.,et al.J. Clin. Invest. 103:879-887(1999).

Images



Western blot analysis of lysates from Hela,Jurkat cell line (from left to right),using PAR4 Antibody(G939). G939 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35ug per lane.



Immunofluorescence analysis of LOVO cells, using PAR4 antibody.