

## PAR-4 Polyclonal Antibody

<b>Catalog No :</b>	YT3588
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;IF;ELISA
<b>Target :</b>	PAR-4
<b>Fields :</b>	>>Rap1 signaling pathway;>>Neuroactive ligand-receptor interaction;>>Complement and coagulation cascades;>>Platelet activation;>>Pathways in cancer
<b>Gene Name :</b>	F2RL3
<b>Protein Name :</b>	Proteinase-activated receptor 4
<b>Human Gene Id :</b>	9002
<b>Human Swiss Prot No :</b>	Q96RI0
<b>Mouse Gene Id :</b>	14065
<b>Mouse Swiss Prot No :</b>	O88634
<b>Rat Gene Id :</b>	116498
<b>Rat Swiss Prot No :</b>	Q920E0
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human PAR4. AA range:29-78
<b>Specificity :</b>	PAR-4 Polyclonal Antibody detects endogenous levels of PAR-4 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>Dilution :</b>	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other

applications.

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**Purification :** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

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**Concentration :** 1 mg/ml

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**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

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**Observed Band :** 41kD

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**Cell Pathway :** Neuroactive ligand-receptor interaction;

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**Background :** This gene encodes a member of the protease-activated receptor subfamily, part of the G-protein coupled receptor 1 family of proteins. The encoded receptor is proteolytically processed to reveal an extracellular N-terminal tethered ligand that binds to and activates the receptor. This receptor plays a role in blood coagulation, inflammation and response to pain. Hypomethylation at this gene may be associated with lung cancer in human patients. [provided by RefSeq, Sep 2016],

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**Function :** function:Receptor for activated thrombin or trypsin coupled to G proteins that stimulate phosphoinositide hydrolysis. May play a role in platelets activation.,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.,tissue specificity: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.,

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

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**Expression :** 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.

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**Sort :** 11621

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**No4 :** 1

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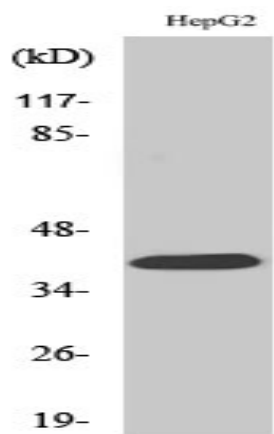
**Host :** Rabbit

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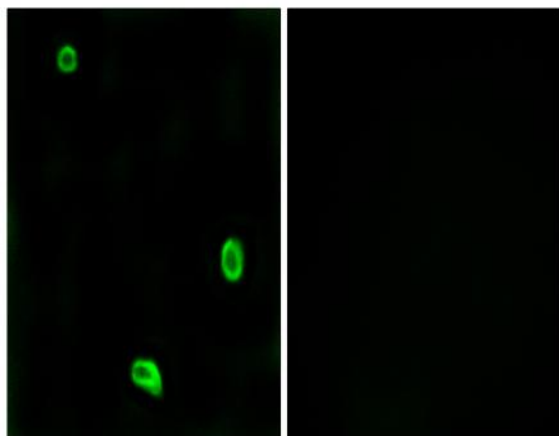
**Modifications :** Unmodified

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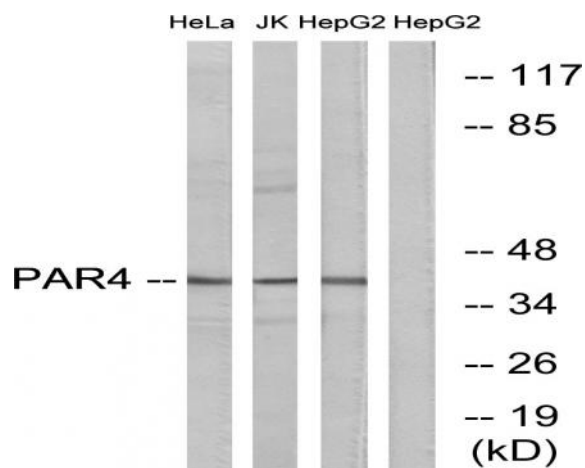
**Products Images**



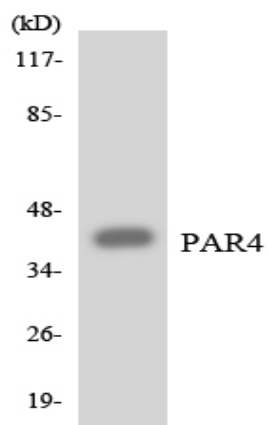
Western Blot analysis of various cells using PAR-4 Polyclonal Antibody



Immunofluorescence analysis of LOVO cells, using PAR4 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HepG2 and Jurkat/HeLa cells, using PAR4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using PAR4 antibody.