

**Cleaved-PAR-4 (G48) Polyclonal Antibody**

<b>Catalog No :</b>	YC0072
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;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 Swiss Prot No :</b>	O88634
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human PAR4. AA range:29-78
<b>Specificity :</b>	Cleaved-PAR-4 (G48) Polyclonal Antibody detects endogenous levels of fragment of activated PAR-4 protein resulting from cleavage adjacent to G48.
<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. ELISA: 1:5000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

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

**Observed Band :** 33kD

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

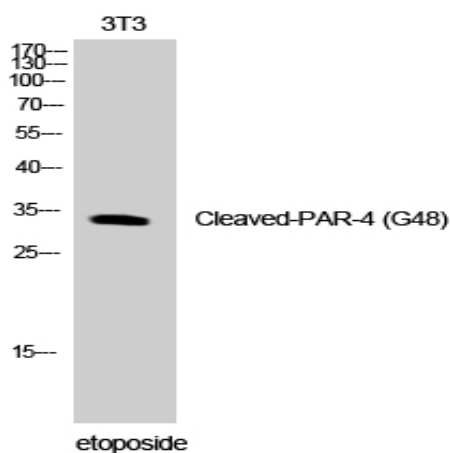
**Background :** This gene encodes a member of the protease-activated receptor subfamily, part of the G-protein coupled receptor 1 family of proteins. The encoded receptor is proteolytically processed to reveal an extracellular N-terminal tethered ligand that binds to and activates the receptor. This 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],

**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.,

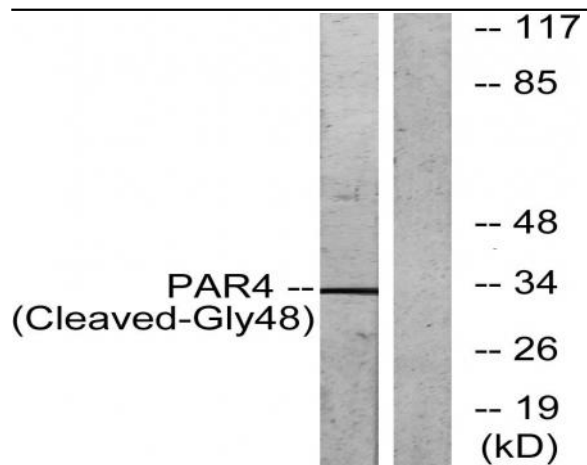
**Subcellular Location :** Cell membrane; Multi-pass membrane protein.

**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.

## Products Images



Western Blot analysis of NIH-3T3 cells using Cleaved-PAR-4 (G48) Polyclonal Antibody



Western blot analysis of lysates from NIH/3T3 cells, treated with etoposide 25uM 1h, using PAR4 (Cleaved-Gly48) Antibody. The lane on the right is blocked with the synthesized peptide.