

Datasheet for ABIN7043077

anti-F2RL3 antibody (1st Extracellular Loop)

6 Images



[Go to Product page](#)

Overview

Quantity:	50 µL
Target:	F2RL3
Binding Specificity:	1st Extracellular Loop, AA 136-150
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This F2RL3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC), Live Cell Imaging (LCI)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)HLRGQRWPFGEAA(S)R, corresponding to amino acid residues 136-150 of human PAR-4
Isotype:	IgG
Characteristics:	Anti-PAR4 (F2RL3) (extracellular) Antibody (ABIN7043077, ABIN7045106 and ABIN7045107)) is a highly specific antibody directed against an extracellular epitope of human protease-activated receptor-4. The antibody can be used in western blot analysis, immunohistochemical, immunocytochemical and flow cytometry applications. It has been designed to recognized PAR-4 from human, mouse and rat samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

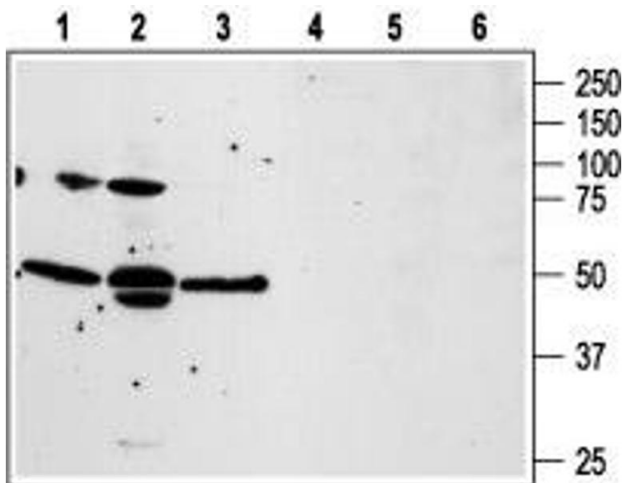
Target:	F2RL3
Alternative Name:	PAR4 (F2RL3) (F2RL3 Products)
Background:	Alternative names: PAR4 (F2RL3), Protease-activated receptor-4, PAR-4, Coagulation factor II receptor-like 3, Thrombin receptor-like 3
Gene ID:	9002
NCBI Accession:	NM_003950
UniProt:	Q96R10
Pathways:	Carbohydrate Homeostasis , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



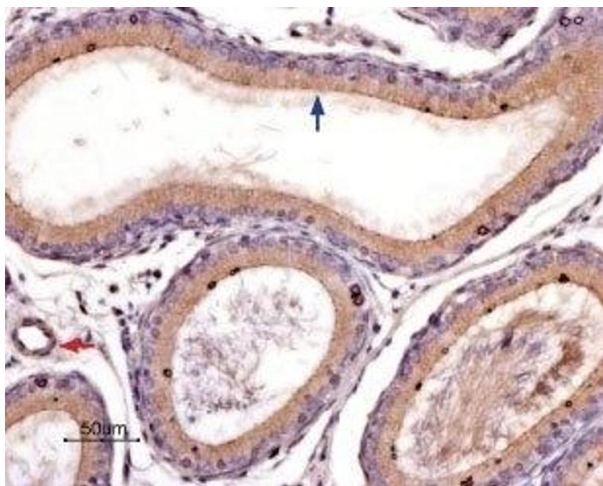
Western Blotting

Image 1. Western blot analysis of human prostate carcinoma PC3 (lanes 1 and 4), and LNCaP (lanes 2 and 5), and human T cell leukemia Jurkat (lanes 3 and 6) cell lines: - 1-3. Anti-PAR4 (F2RL3) (extracellular) Antibody (ABIN7043077, ABIN7045106 and ABIN7045107), (1:200). 4-6. Anti-PAR4 (F2RL3) (extracellular) Antibody, preincubated with PAR4/F2RL3 (extracellular) Blocking Peptide (#BLP-PR034).



Immunohistochemistry

Image 2. Expression of PAR-4 in rat lung - Immunohistochemical staining of rat lung paraffin-embedded sections using Anti-PAR4 (F2RL3) (extracellular) Antibody ((ABIN7043077, ABIN7045106 and ABIN7045107), (1:100). Note that staining is present in the respiratory epithelium of the bronchiole (blue arrow) as well as in the smooth muscle cells of the muscularis mucosae (red arrow). Hematoxylin is used as the counterstain.



Immunohistochemistry

Image 3. Expression of PAR-4 in rat epididymis - Immunohistochemical staining of rat epididymis paraffin-embedded sections using Anti-PAR4 (F2RL3) (extracellular) Antibody ((ABIN7043077, ABIN7045106 and ABIN7045107), (1:100). Note that strong and specific staining is present in both the pseudostratified epithelium (blue arrow) and the smooth muscle cells of the blood vessels (red arrow). Hematoxylin is used as the counterstain.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7043077.