For research purposes only, not for human use

Product Data Sheet

Anti-PAR1 Antibody

Catalog #	Source	Reactivity	Applications
CPA1406	Rabbit	H	WB, IF/IC

Description	Rabbit polyclonal antibody to PAR1
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human PAR1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of PAR1 protein.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IF/IC (1/100 - 1/500)
Gene Symbol	F2R
Alternative Names	CF2R; PAR1; TR; Proteinase-activated receptor 1; PAR-1; Coagulation factor II receptor; Thrombin receptor
Entrez Gene	2149 (Human)
SwissProt	P25116 (Human)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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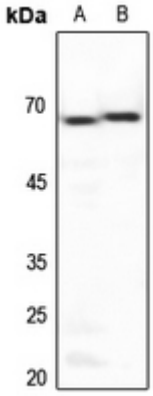
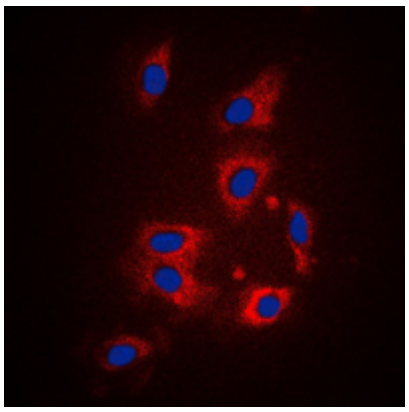


Western blot analysis of PAR1 expression in Hela (A), U2SO (B) whole cell lysates. (Predicted band size: 47 kD; Observed band size: 66 kD)



Immunofluorescent analysis of PAR1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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