

PAR1 Polyclonal Antibody

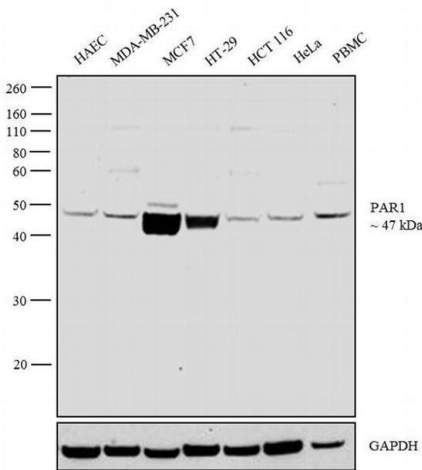
Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide sequence (TRARRPESKATNAT) corresponding to the internal amino acids of F2R
Form	Liquid
Concentration	0.5 mg/mL
Purification	Ammonium sulfate precipitation
Storage buffer	TBS, pH 7.3, with 0.5% BSA
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_10986472

Applications	Tested Dilution	Publications
Western Blot (WB)	0.3-1 µg/mL	-

Product Specific Information

This antibody is tested in Peptide ELISA: antibody detection limit dilution 64,000.

Product Images For PAR1 Polyclonal Antibody

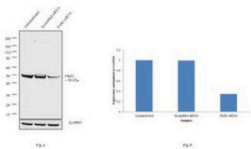


PAR1 Antibody (PA5-19102) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of HAEC (Lane 1), MDA-MB-231 (Lane 2), MCF7 (Lane 3), HT-29 (Lane 4), HCT 116 (Lane 5), HeLa (Lane 6) and Human PBMC (Lane 7). The blot was probed with Anti-PAR1 Polyclonal Antibody (Product # PA5-19102, 1 µg/mL) and detected by chemiluminescence using Rabbit anti-Goat IgG Heavy Chain Superclonal™ Secondary Antibody, HRP (Product # A27014, 0.25 µg/mL, 1:4000 dilution). A 47 kDa band corresponding to PAR1 was observed across the cell lines tested.

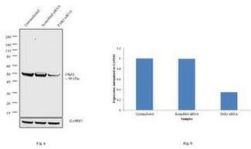
PAR1 Antibody (PA5-19102)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. MCF7 cells were transfected with PAR1 siRNA and reduction of signal was observed in Western Blot using PAR1 Polyclonal Antibody (Product # PA5-19102). {KD}



PAR1 Antibody (PA5-19102) in WB

Knockdown of PAR1 was achieved by transfecting MCF7 cells with PAR1 specific siRNAs (Silencer® select Product # s4922). Western blot analysis (Fig. a) was performed using whole cell extracts MCF7 knockdown cells (lane 3), non-specific scrambled siRNA transfected cells (lane 2) and untransfected cells (lane 1). The blot was probed with PAR1 Polyclonal Antibody (Product # PA5-19102, 1 µg/mL) and Rabbit anti-Goat IgG Heavy Chain Superclonal™ Secondary Antibody, HRP conjugate (Product # A27014, 1 mg/mL, 1:4000 dilution). Densitometric analysis of this western blot is shown in histogram (Fig. b). Decrease in signal upon siRNA mediated knock down confirms that antibody is specific to PAR1.



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