

Goat anti-F2R / PAR1 Antibody

Item Number	dAP-1808
Target Molecule	Principle Name: F2R / PAR1; Official Symbol: F2R; All Names and Symbols: F2R; coagulation factor II (thrombin) receptor; CF2R; HTR; PAR1; TR; coagulation factor II receptor; protease-activated receptor 1; thrombin receptor; Accession Number (s): NP_001983.2; Human Gene ID(s): 2149; Non-Human GenID (s):
Immunogen	TRARRPESKATNAT, is from Internal region (near N Terminus)
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 48kDa band observed in lysates of cell line HeLa (calculated MW of 47.4kDa according to NP_001983.2). Recommended concentration: 0.5-2µg/ml. Primary incubation was 1 hour.
IHC	Immunohistochemistry: Paraffin embedded Human Liver. Recommended concentration: 2.5µg/ml.
Reference	Reference(s): Niessen F, Schaffner F, Furlan-Freguia C, Pawlinski R, Bhattacharjee G, Chun J, Derian CK, Andrade-Gordon P, Rosen H, Ruf W. Dendritic cell PAR1-S1P3 signalling couples coagulation and inflammation. <i>Nature</i> . 2008 Apr 3;452(7187):654-8. Epub 2008 Feb 27.. PMID: 18305483->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**