



[Go to Product page](#)

Datasheet for ABIN6265563
anti-PAR1 antibody (N-Term)

3 Images

2 Publications

Overview

Quantity:	100 µL
Target:	PAR1 (F2R)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	A synthesized peptide derived from human Thrombin Receptor, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	Thrombin Receptor Antibody detects endogenous levels of total Thrombin Receptor.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	PAR1 (F2R)
Alternative Name:	F2R (F2R Products)

Target Details

Background:	Description: High affinity receptor for activated thrombin coupled to G proteins that stimulate phosphoinositide hydrolysis. May play a role in platelets activation and in vascular development. Gene: F2R
Molecular Weight:	48kDa
Gene ID:	2149
UniProt:	P25116
Pathways:	Nuclear Receptor Transcription Pathway , Skeletal Muscle Fiber Development , Positive Regulation of Endopeptidase Activity , Protein targeting to Nucleus

Application Details

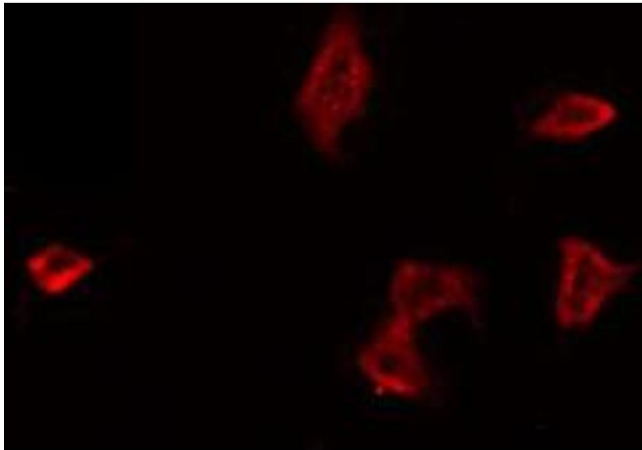
Application Notes:	WB: 1:500-1:3000, IF/ICC 1:100-1:500, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

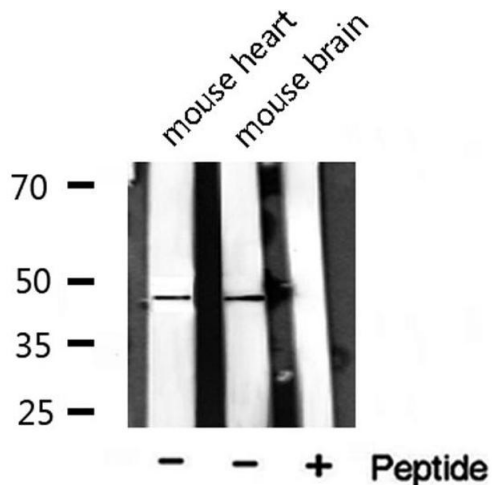
Publications

Product cited in:	Li, Zhang, Sun, Sun, Shi, Liu, Liu: "MicroRNA-181a regulates epithelial-mesenchymal transition by targeting PTEN in drug-resistant lung adenocarcinoma cells." in: International journal of oncology , Vol. 47, Issue 4, pp. 1379-92, (2016) (PubMed).
-------------------	---



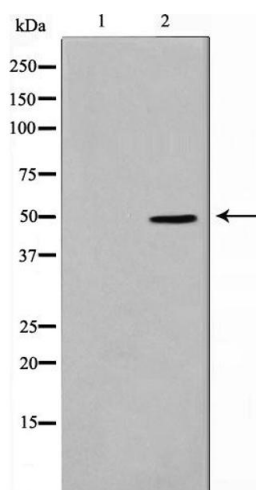
Immunofluorescence (fixed cells)

Image 1. ABIN6266644 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



Western Blotting

Image 2. Western blot analysis of extracts of various tissue ,using Thrombin Receptor antibody.



Western Blotting

Image 3. Western blot analysis on HeLa cell lysate using Thrombin Receptor Antibody, The lane on the left is treated with the antigen-specific peptide.