

For Research Use Only

PAR2 Polyclonal antibody

Catalog Number: 12160-1-AP

Featured Product

9 Publications



Basic Information

Catalog Number:

12160-1-AP

Size:

150ul, Concentration: 260 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2801

GenBank Accession Number:

BC018130

GeneID (NCBI):

2150

UNIPROT ID:

P55085

Full Name:

coagulation factor II (thrombin) receptor-like 1

Calculated MW:

397 aa, 44 kDa

Observed MW:

50-55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human

Cited Species:

human, mouse, rat

Positive Controls:

WB: COLO 320 cells, DU 145 cells, LNCaP cells

Background Information

Proteinase-activated receptors (PARs) are G protein-coupled receptors activated through cleavage of their N-termini by mainly serine proteases. The family of PARs includes four members: PAR1, PAR2, PAR3, and PAR4. PAR2, also known as F2RL1, is expressed in epithelial cells (e.g., lung, gastrointestinal tract), endothelial cells, smooth muscle cells, fibroblasts, nerves, and some immune and inflammatory cells. PAR2 knockout mice and PAR2 agonists and antagonists have implicated PAR2 as a promising target in inflammatory conditions; respiratory, gastrointestinal, metabolic, cardiovascular, and neurological dysfunction; and cancers. (PMID:23895492)

Notable Publications

Author	Pubmed ID	Journal	Application
Chi Liu	35570225	Med Oncol	WB
Yuju Kim	35269499	Cells	WB
Mei-Kwan Yau	23895492	J Med Chem	

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

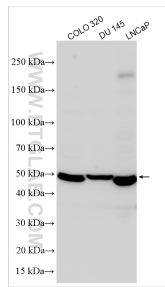
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12160-1-AP (PAR2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.