

Datasheet for ABIN1724706
anti-F2RL3 antibody (AA 1-330)[Go to Product page](#)

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Overview

Quantity:	100 µL
Target:	F2RL3
Binding Specificity:	AA 1-330
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This F2RL3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Purified recombinant fragment of PAR4(aa1-330) expressed in E. coli.
Clone:	3G9H7
Isotype:	IgG1
Purification:	purified

Target Details

Target:	F2RL3
Alternative Name:	PAR4 (F2RL3 Products)
Background:	Description: Prostate apoptosis response 4 (Par4) is a 38kD protein originally identified as the product of a gene that is upregulated in prostate tumor cells undergoing apoptosis. It is a

Target Details

leucine zipper and death domain containing protein whose levels increase in neurons undergoing apoptosis as a result of trophic factor withdrawal or exposure to oxidative and metabolic insults. Par4 levels are reported to be increased in their lumbar spinal cord specimens further suggesting a role in neuronal degeneration. The tumor suppressor WT1 represses and activates transcription. The loss and/or imbalance of the dual transcriptional activity of WT1 may contribute to Wilms tumor. Par4 is a WT1 interacting protein that also functions as a transcriptional repressor.

Aliases: PAWR

Gene ID: 5074

HGNC: 5074

Pathways: [Carbohydrate Homeostasis, Regulation of Carbohydrate Metabolic Process](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

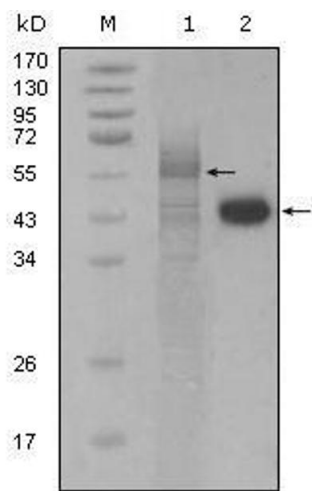
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

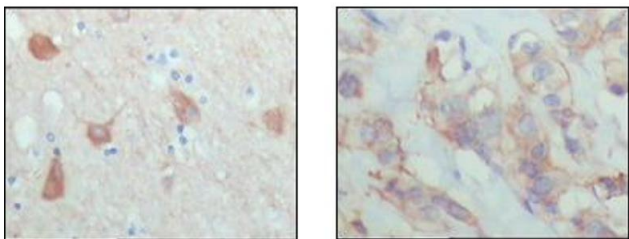
Publications

Product cited in: Yoshida, Ishikawa, Niitsu, Nakazato, Watanabe, Shiraishi, Shiina, Hashimoto, Kanahara, Hasegawa, Enohara, Kimura, Iyo, Hashimoto: "Decreased serum levels of mature brain-derived neurotrophic factor (BDNF), but not its precursor proBDNF, in patients with major depressive disorder." in: **PLoS ONE**, Vol. 7, Issue 8, pp. e42676, (2012) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis using PAR4 mouse mAb against full-length Trx-Par4 recombinant protein (1) and HeLa cell lysate (2).

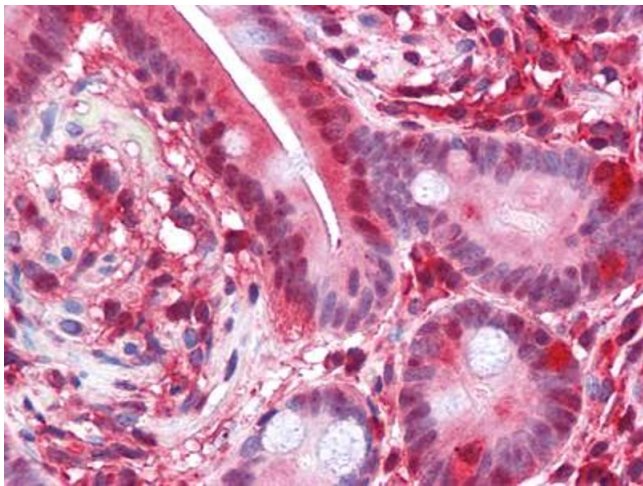


Brain Breast carcinoma

Figure 2: Immunohistochemical analysis of paraffin-embedded human brain and breast carcinoma, showing cytoplasmic and membrane localization with DAB staining using PAWR antibody.

Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffin-embedded human brain (left) and breast carcinoma (right), showing cytoplasmic and membrane localization using PAR4 mouse mAb with DAB staining.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded human Small Intestine tissues using PAR4 mouse mAb