

Datasheet for ABIN185610

anti-PGRMC1 antibody (C-Term)

5 Images

1 Publication

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Overview

Quantity:	100 µg
Target:	PGRMC1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PGRMC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	PGRMC1 / MPR
Immunogen:	Peptide with sequence C-EPKDESARKND, from the C Terminus of the protein sequence according to NP_006658.1.
Sequence:	EPKDESARKN D
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	PGRMC1
Alternative Name:	PGRMC1 (PGRMC1 Products)
Background:	PGRMC1, MPR, progesterone receptor membrane component 1 , HGNC:16090, HPR6.6, progesterone binding protein
Gene ID:	10857, 53328
NCBI Accession:	NP_006658

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Testis. Recommended concentration: 5 µg/mL. Western Blot: Approx 24 kDa band observed in Human Kidney, Liver and Testis lysates, and approx 25 kDa in Mouse Testis lysates (calculated MW of 21.7 kDa according to Human NP_006658.1 and Mouse NP_058063.2). These molecular weights are routinely observed b Peptide ELISA: antibody detection limit dilution 1:4000.
Comment:	Immunofluorescence: This antibody has been successfully used in IF on Human: Izzo, N. J et al. (2014) PMID: 25390692.
Restrictions:	For Research Use only

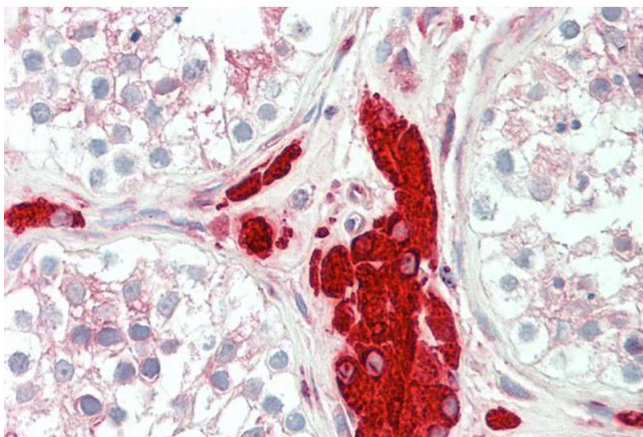
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

Product cited in: Izzo, Xu, Zeng, Kirk, Mozzoni, Silky, Rehak, Yurko, Look, Rishton, Safferstein, Cruchaga, Goate, Cahill, Arancio, Mach, Craven, Head, LeVine, Spires-Jones, Catalano: "Alzheimer's therapeutics targeting amyloid beta 1-42 oligomers II: Sigma-2/PGRMC1 receptors mediate Abeta 42 oligomer binding and synaptotoxicity." in: **PLoS ONE**, Vol. 9, Issue 11, pp. e111899, (2015) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. ABIN185610 (5µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN185610 (0.1µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

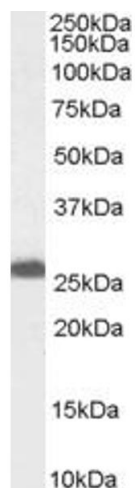


Image 3. ABIN185610 (0.1µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN185610.