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Datasheet for ABIN184657 anti-PLRG1 antibody (C-Term)

3 Images



Overview

Quantity:	100 µg
Target:	PLRG1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PLRG1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	PLRG1
Immunogen:	Peptide with sequence C-PVSWKPEIIKRKRF, from the C Terminus of the protein sequence according to NP_002660.1, NP_001188493.1.
Sequence:	PVSWKPEIIK RKRF
Isotype:	lgG
Specificity:	This antibody is expected to recognise isoform 1 (NP_002660.1) and isoform 2 (NP_001188493.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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Product Details

Grade:

Verified

Target Details

Alternative Name:PLRG1 (PLRG1 Products)Background:PLRG1, pleiotropic regulator 1 (PRL1 homolog, Arabidopsis), PRL1, MGC110980, pleiotropic regulator 1 (PRL1, Arabidopsis homolog), pleiotropic regulator 1 (PRL1homolog, Arabidopsis), pleiotropic regulator 1 (PRL1, Arabidopsis homolog)Gene ID:5356, 60376NCBI Accession:NP_002660, NP_001188493Application DetailsImmunohistochemistry: Paraffin embedded Human Prostate. Recommended concentration: 5 µg/mL.		
Background: PLRG1, pleiotropic regulator 1 (PRL1 homolog, Arabidopsis), PRL1, MGC110980, pleiotropic regulator 1 (PRL1, Arabidopsis homolog), pleiotropic regulator 1 (PRL1, Arabidopsis homolog) Gene ID: 5356, 60376 NCBI Accession: NP_002660, NP_001188493 Application Details Immunohistochemistry: Paraffin embedded Human Prostate. Recommended concentration: 5 µg/mL. Western Blot: Approx 60 kDa band observed in nuclear lysates of cell lines HEK293 and NIH3T3 (calculated MW of 57.2 kDa according to Human NP_002660.1 and 56.9 kDa according to Mouse NP_058064.2). Recommended concentration: 0.1-0.3 µg/mL. Primary incubation	Target:	PLRG1
regulator 1 (PRL1, Arabidopsis homolog), pleiotropic regulator 1 (PRL1homolog, Arabidopsis), pleiotropic regulator 1 (PRL1, Arabidopsis homolog) Gene ID: 5356, 60376 NCBI Accession: NP_002660, NP_001188493 Application Details Application Notes: Immunohistochemistry: Paraffin embedded Human Prostate. Recommended concentration: 5 µg/mL. Western Blot: Approx 60 kDa band observed in nuclear lysates of cell lines HEK293 and NIH3T3 (calculated MW of 57.2 kDa according to Human NP_002660.1 and 56.9 kDa according to Mouse NP_058064.2). Recommended concentration: 0.1-0.3 µg/mL. Primary incubation	Alternative Name:	PLRG1 (PLRG1 Products)
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Application Details Application Notes: Immunohistochemistry: Paraffin embedded Human Prostate. Recommended concentration: 5 µg/mL. Western Blot: Approx 60 kDa band observed in nuclear lysates of cell lines HEK293 and NIH3T3 (calculated MW of 57.2 kDa according to Human NP_002660.1 and 56.9 kDa according to Mouse NP_058064.2). Recommended concentration: 0.1-0.3 µg/mL. Primary incubation	Gene ID:	5356, 60376
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Mouse NP_058064.2). Recommended concentration: 0.1-0.3 μ g/mL. Primary incubation		Western Blot: Approx 60 kDa band observed in nuclear lysates of cell lines HEK293 and NIH3T3
		(calculated MW of 57.2 kDa according to Human NP_002660.1 and 56.9 kDa according to
Peptide ELISA: antibody detection limit dilution 1:16000.		Mouse NP_058064.2). Recommended concentration: 0.1-0.3 µg/mL. Primary incubation
		Peptide ELISA: antibody detection limit dilution 1:16000.

Restrictions: For Research Use only

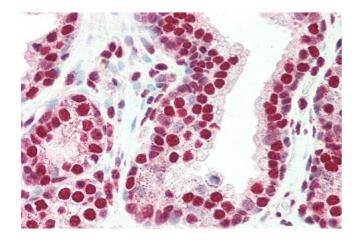
Handling

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

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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.

Images



A B SokDa 150kDa 75kDa 37kDa 25kDa 20kDa 15kDa 15kDa 150kDa 100kDa 75kDa 50kDa 37kDa

25kDa

Immunohistochemistry

Image 1. ABIN184657 (5µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Western Blotting

Image 2. ABIN184657 (0.1μ g/ml) staining of HEK293 (A) and NIH3T3 (B) nuclear cell lysates (35µg protein in RIPA buffer). Detected by chemiluminescence.

Western Blotting

Image 3. ABIN184657 staining (0.5µg/ml) of Mouse Kidney extract (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

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