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Datasheet for ABIN7175887
anti-RPGR antibody (AA 1-180)

4 Images

Overview

Quantity:	100 µg
Target:	RPGR
Binding Specificity:	AA 1-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPGR antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human X-linked retinitis pigmentosa GTPase regulator protein (1-180AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	RPGR
Alternative Name:	RPGR (RPGR Products)
Background:	Background: Could be a guanine-nucleotide releasing factor. Plays a role in ciliogenesis. Probably regulates cilia formation by regulating actin stress filaments and cell contractility.

Target Details

Plays an important role in photoreceptor integrity. May play a critical role in spermatogenesis and in intraflagellar transport processes (By similarity). May be involved in microtubule organization and regulation of transport in primary cilia.

Aliases: RPGR antibody, RP3 antibody, XLRP3 antibody, X-linked retinitis pigmentosa GTPase regulator antibody

UniProt: [Q92834](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

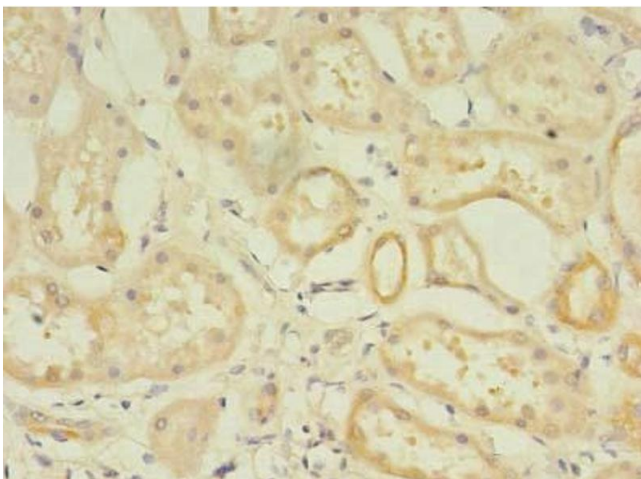
Preservative: ProClin

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

Storage: -20 °C,-80 °C

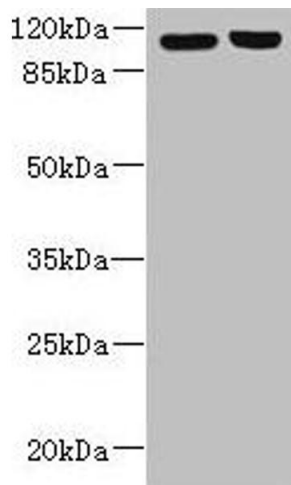
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



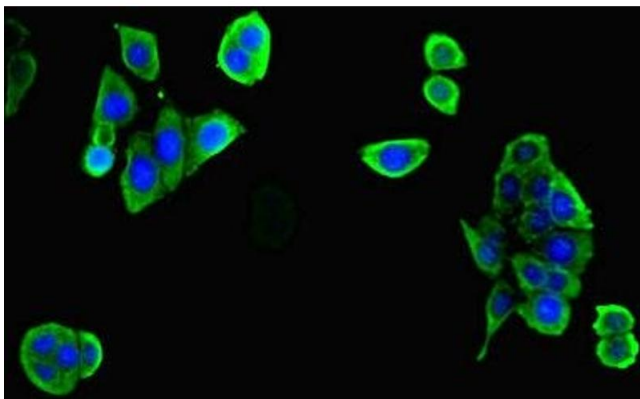
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7175887 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: RPGR antibody at 6 µg/mL
Lane 1: 293T whole cell lysate Lane 2: Hela whole cell lysate
Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution
Predicted band size: 114, 91, 71, 84, 53, 128 kDa Observed
band size: 114 kDa



Immunofluorescence

Image 3. Immunofluorescent analysis of PC-3 cells cells
using ABIN7175887 at dilution of 1:100 and Alexa Fluor 488-
conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7175887.