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Datasheet for ABIN7175888

anti-RPGR antibody (AA 1-180) (Biotin)

Overview

Quantity:	100 µg
Target:	RPGR
Binding Specificity:	AA 1-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPGR antibody is conjugated to Biotin
Application:	ELISA

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: Optimal working dilution should be determined by the investigator.

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.