

RPGR Antibody (C-term)

Catalog_no :	AB1016
Applications :	WB
Reactivity :	H
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN:744-772
Specificity :	This RPGR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 744-772 amino acids from the C-terminal region of human RPGR.
Dilution :	WB,1:1000;WB,1:1000;IHC-P,1:10~50;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	X-linked retinitis pigmentosa GTPase regulator, RPGR, RP3, XLRP3
Isotype :	Rabbit Ig
Background :	This gene encodes a protein with a series of six RCC1-like domains (RLDs), characteristic of the highly conserved guanine nucleotide exchange factors. The encoded protein is found in the Golgi body and interacts with RPGRIP1. This protein localizes to the outer segment of rod photoreceptors and is essential for their viability. Mutations in this gene have been associated with X-linked retinitis pigmentosa (XLRP). Multiple alternatively spliced transcript variants that encode different isoforms of this gene have been reported, but the full-length nature of only some have been determined.
reference :	Clark, G.R., et al. Ophthalmology 117(11):2169-2177(2010) Schmid, F., et al. Invest. Ophthalmol. Vis. Sci. 51(3):1628-1635(2010) Ji, Y., et al. Curr. Eye Res. 35(1):73-79(2010) Sheng, X., et al. Mol. Vis. 16, 1620-1628 (2010) : Murga-Zamalloa, C.A.,