

IMPG1 rabbit pAb

Catalog No :	YN7511
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	IMPG1
Gene Name :	IMPG1 IPM150 SPACR
Protein Name :	Interphotoreceptor matrix proteoglycan 1 (Interphotoreceptor matrix proteoglycan of 150 kDa) (IPM-150) (Sialoprotein associated with cones and rods)
Human Gene Id :	3617
Human Swiss Prot No :	Q17R60
Mouse Gene Id :	63859
Mouse Swiss Prot No :	Q8R1W8
Rat Gene Id :	66014
Rat Swiss Prot No :	Q9ET62
Immunogen :	Synthesized peptide derived from human IMPG1
Specificity :	This antibody detects endogenous levels of IMPG1 at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)**Molecularweight :** 88kD**Function :** Chondroitin sulfate-, heparin- and hyaluronan-binding protein (By similarity). May serve to form a basic macromolecular scaffold comprising the insoluble interphotoreceptor matrix .**Subcellular Location :** Cell projection, cilium, photoreceptor outer segment . Secreted, extracellular space, extracellular matrix, interphotoreceptor matrix . Photoreceptor inner segment .**Expression :** Expressed in the retina (at protein level) (PubMed:10601738, PubMed:29777959). In the retina, specifically expressed by cone and rod photoreceptor cells (PubMed:9813076). Localizes to cone and rod photoreceptor cells surrounding the interphotoreceptor matrix of the retina (PubMed:9719680).

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