

IMPG2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56337**Specification**

IMPG2 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q9BZV3
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	138621

IMPG2 Polyclonal Antibody - Additional Information**Gene ID** 50939**Other Names**

Interphotoreceptor matrix proteoglycan 2, Interphotoreceptor matrix proteoglycan of 200 kDa, IPM 200, Sialoprotein associated with cones and rods proteoglycan, Spacrcan, IMPG2, IPM200

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

IMPG2 Polyclonal Antibody - Protein Information**Name** IMPG2**Synonyms** IPM200**Function**

Chondroitin sulfate- and hyaluronan-binding proteoglycan involved in the organization of interphotoreceptor matrix; may participate in the maturation and maintenance of the light-sensitive photoreceptor outer segment. Binds heparin.

Cellular Location

Photoreceptor outer segment membrane; Single-pass type I membrane protein. Photoreceptor inner segment membrane {ECO:0000250|UniProtKB:Q80XH2}; Single-pass type I membrane protein. Secreted, extracellular space, extracellular matrix, interphotoreceptor matrix

Tissue Location

Expressed in the retina (at protein level) (PubMed:10702256, PubMed:29777959). Expressed by photoreceptors of the interphotoreceptor matrix (IPM) surrounding both rods and cones (at protein level) (PubMed:10542133, PubMed:29777959). IPM occupies the subretinal space between the

apices of the retinal pigment epithelium and the neural retina (PubMed:10542133). Expressed in the pineal gland (at protein level) (PubMed:10702256).

IMPG2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IMPG2 Polyclonal Antibody - Images