

**IMPG2 antibody - C-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI12766****Specification**

---

**IMPG2 antibody - C-terminal region - Product Information**

|                   |                                                                      |
|-------------------|----------------------------------------------------------------------|
| Application       | WB                                                                   |
| Primary Accession | <a href="#">Q9BZV3</a>                                               |
| Other Accession   | <a href="#">NM_016247</a> , <a href="#">NP_057331</a>                |
| Reactivity        | Human, Mouse, Rat, Rabbit, Zebrafish, Horse, Bovine, Guinea Pig, Dog |
| Predicted         | Human, Mouse, Rat, Chicken, Horse, Bovine, Guinea Pig, Dog           |
| Host              | Rabbit                                                               |
| Clonality         | Polyclonal                                                           |
| Calculated MW     | 138kDa KDa                                                           |

**IMPG2 antibody - C-terminal region - Additional Information****Gene ID** 50939**Alias Symbol** **IPM 200, IPM200, SPACRCAN, RP56****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**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-IMPG2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

IMPG2 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**IMPG2 antibody - C-terminal region - 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

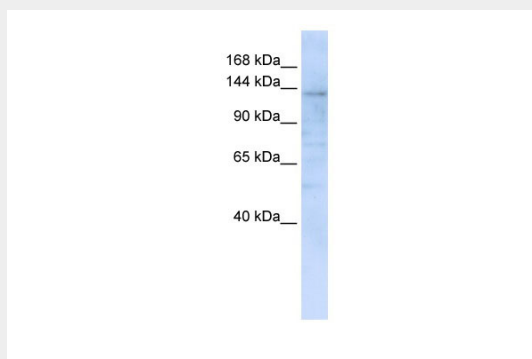
**Tissue Location**

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 antibody - C-terminal region - 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 antibody - C-terminal region - Images**

WB Suggested Anti-IMPG2 Antibody Titration: 0.2-1 µg/ml  
ELISA Titer: 1:62500  
Positive Control: 293T cell lysate

**IMPG2 antibody - C-terminal region - References**

Acharya, S., (2000) J. Biol. Chem. 275(10), 6945-6955 Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.