

Opn1mw antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14460**Specification**

Opn1mw antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O35599
Other Accession	NM_008106 , NP_032132
Reactivity	Human, Mouse, Rat, Rabbit, Goat, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Mouse, Rat, Rabbit
Clonality	Rabbit
Calculated MW	Polyclonal 40kDa KDa

Opn1mw antibody - C-terminal region - Additional Information**Gene ID** 14539**Alias Symbol** **Gcp**
Other Names

Medium-wave-sensitive opsin 1, Green cone photoreceptor pigment, Green-sensitive opsin, M opsin, Medium wavelength-sensitive cone opsin, Opn1mw, Gcp

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-Opn1mw 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

Opn1mw antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Opn1mw antibody - C-terminal region - Protein Information**Name** Opn1mw**Synonyms** Gcp**Function**

Visual pigments are the light-absorbing molecules that mediate vision. They consist of an apoprotein, opsin, covalently linked to cis-retinal. May increase spectral sensitivity in dim light.

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:P04001}; Multi-pass membrane protein

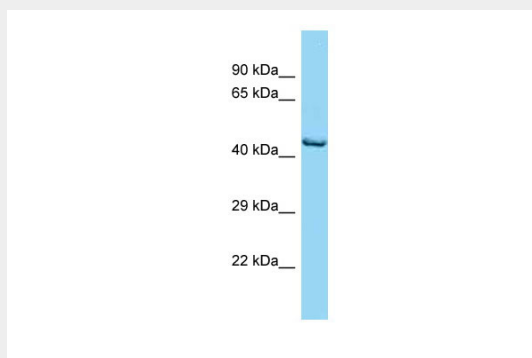
Tissue Location

Expressed in retina (at protein level) (PubMed:30948514). Expressed in cone photoreceptor cells (at protein level) (PubMed:11055434).

Opn1mw 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](#)

Opn1mw antibody - C-terminal region - Images

WB Suggested Anti-Opn1mw Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Thymus

Opn1mw antibody - C-terminal region - References

Sun H., et al. Proc. Natl. Acad. Sci. U.S.A. 94:8860-8865(1997).
Applebury M.L., et al. Neuron 27:513-523(2000).