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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	**Human, Mouse, Rat, Rabbit**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**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

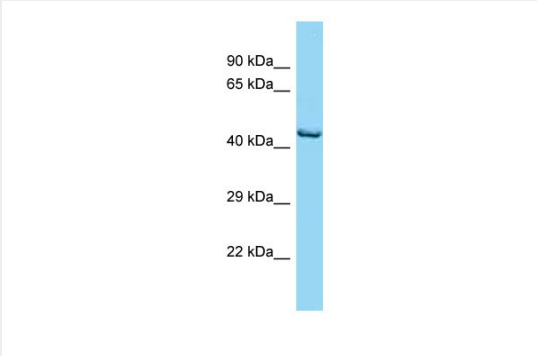
Tissue Location
Expressed in retina (at protein level) (PubMed:30948514). Expressed in cone photoreceptor cells (at protein level) (PubMed:11055434).

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 Cytomety
- 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).