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OPN1MW antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14458

Specification

OPN1MW antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	P04000
Other Accession	NM_000513, NP_000504
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Goat, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rabbit**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**40kDa KDa**

OPN1MW antibody - C-terminal region - Additional Information

Gene ID 5956

Alias Symbol	**CBBM, CBD, GCP, MGC176615, MGC177321, MGC198468, MGC198469, OPN1MW1, OPN1MW2, GOP, COD5**

Other Names
Long-wave-sensitive opsin 1, Red cone photoreceptor pigment, Red-sensitive opsin, ROP, OPN1LW, RCP

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 OPN1LW

Synonyms RCP

Function
Visual pigments are the light-absorbing molecules that mediate vision. They consist of an apoprotein, opsin, covalently linked to cis-retinal.

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Cellular Location
Membrane; Multi-pass membrane protein.

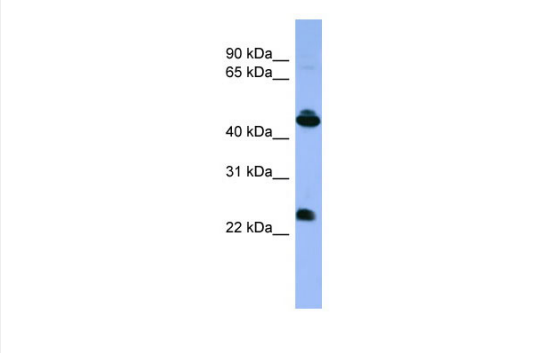
Tissue Location
The three color pigments are found in the cone photoreceptor cells

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: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: HepG2 cell lysate

OPN1MW antibody - C-terminal region - References

Nathans J.,et al.Science 232:193-202(1986).
Ross M.T.,et al.Nature 434:325-337(2005).
Applebury M.L.,et al.Vision Res. 26:1881-1895(1986).
Winderickx J.,et al.Nature 356:431-433(1992).
Nathans J.,et al.Am. J. Hum. Genet. 53:987-1000(1993).