

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 Host	Human, Mouse, Rabbit
Clonality	Rabbit
Calculated MW	Polyclonal 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.

Cellular Location

Membrane; Multi-pass membrane protein.

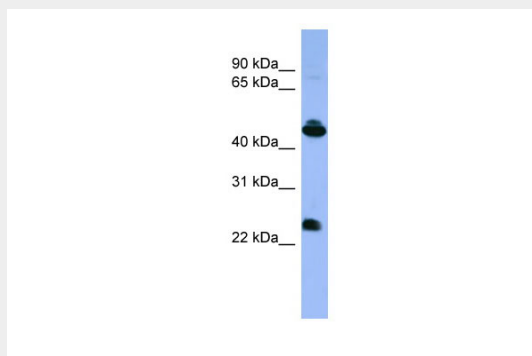
Tissue Location

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 Cytometry](#)
- [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).