

OPN1MW antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14458

Product Information

Application	WB
Primary Accession	P04000
Other Accession	NM_000513 , NP_000504
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Dog, Guinea Pig, Horse, Bovine
Predicted Host	Human, Mouse, Rabbit
Clonality	Rabbit
Calculated MW	Polyclonal 40574

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.

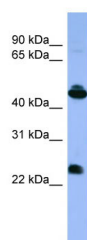
Protein Information

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

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).

Images



WB Suggested Anti-OPN1MW Antibody Titration: 0.2-1
µg/ml
ELISA Titer: 1:62500
Positive Control: HepG2 cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.