

# Product Datasheet

## Opsin 1 (Medium Wave) Antibody (HL3435) NBP3-48812

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-48812**

Opsin 1 (Medium Wave) Antibody (HL3435)

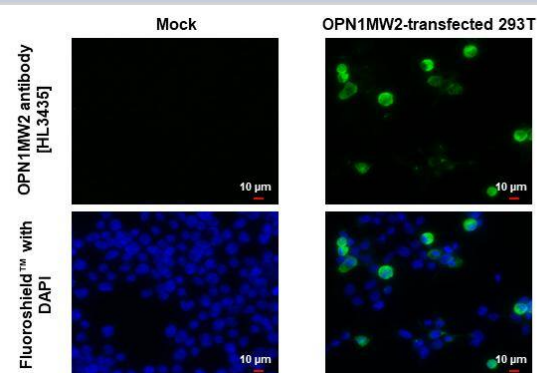
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	HL3435
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit Opsin 1 (Medium Wave) Antibody (HL3435) (NBP3-48812) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2652
Gene Symbol	OPN1MW
Species	Human, Mouse, Rat
Immunogen	Recombinant protein encompassing a sequence within the Extracellular domain of human Opsin 1 (Medium Wave). The exact sequence is proprietary.

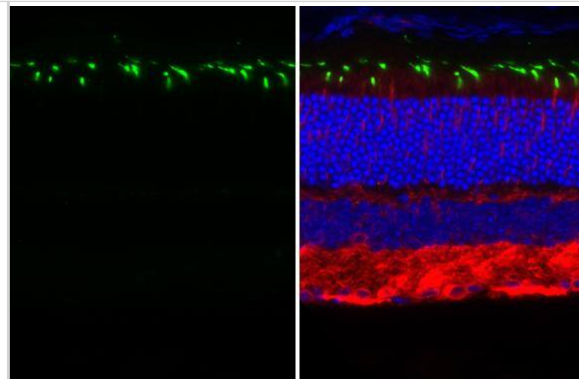
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen

**Images**

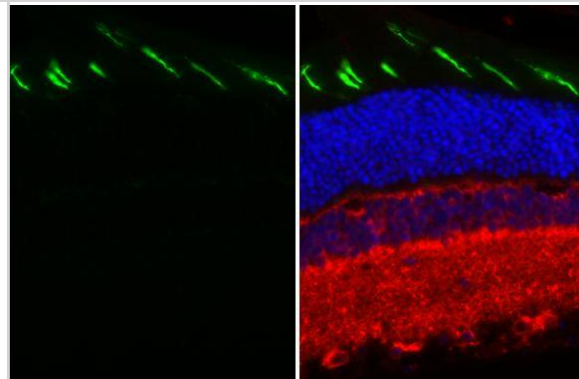
OPN1MW2 antibody [HL3435] detects OPN1MW2 protein by immunofluorescent analysis. Sample: Mock and transfected 293T cells were fixed in ice-cold MeOH for 5 min. Green: OPN1MW2 stained by OPN1MW2 antibody [HL3435] (NBP3-48812) diluted at 1:500. Blue: Fluoroshield™ with DAPI .



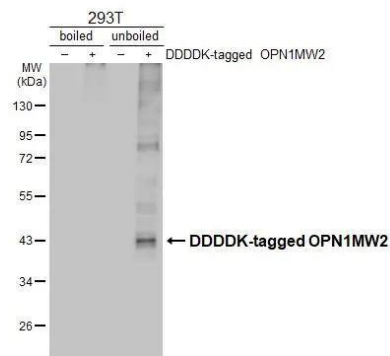
OPN1MW2 antibody [HL3435] detects OPN1MW2 protein by immunohistochemical analysis. Sample: Paraffin-embedded mouse eye. Green: OPN1MW2 stained by OPN1MW2 antibody [HL3435] (NBP3-48812) diluted at 1:250. Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody diluted at 1:500. Blue: Fluoroshield with DAPI. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



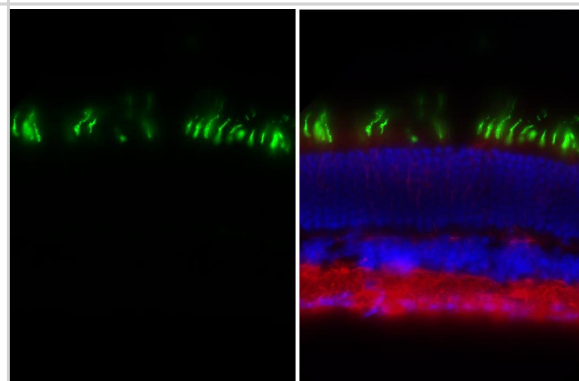
OPN1MW2 antibody [HL3435] detects OPN1MW2 protein by immunohistochemical analysis. Sample: Paraffin-embedded rat eye. Green: OPN1MW2 stained by OPN1MW2 antibody [HL3435] (NBP3-48812) diluted at 1:250. Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody diluted at 1:500. Blue: Fluoroshield with DAPI. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Non-transfected (-) and transfected (+) boiled and unboiled 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with OPN1MW2 antibody [HL3435] (NBP3-48812) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



OPN1MW2 antibody [HL3435] detects OPN1MW2 protein by immunohistochemical analysis. Sample: Frozen-sectioned mouse eye. Green: OPN1MW2 stained by OPN1MW2 antibody [HL3435] (NBP3-48812) diluted at 1:250. Red: beta Tubulin 3/ Tuj1 stained by beta Tubulin 3/ Tuj1 antibody [GT11710] diluted at 1:500. Blue: Fluoroshield with DAPI.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP3-48812**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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