

# Product Datasheet

## IMPG1 Antibody - BSA Free

### NBP2-57461

Unit Size: 100 ul

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

[www.novusbio.com](http://www.novusbio.com)



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#### Publications: 1

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Updated 12/2/2025 v.20.1

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**NBP2-57461**

IMPG1 Antibody - BSA Free

Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

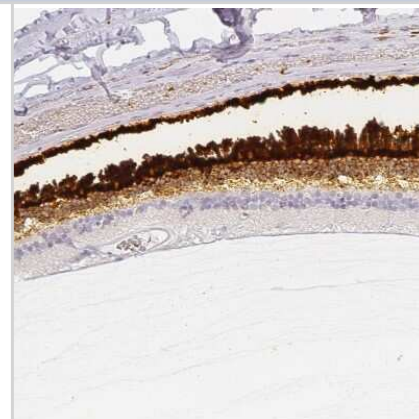
Product Description	
<b>Description</b>	Novus Biologicals Rabbit IMPG1 Antibody - BSA Free (NBP2-57461) is a polyclonal antibody validated for use in IHC. Anti-IMPG1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3617
<b>Gene Symbol</b>	IMPG1
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: DTGEYQDWVSICQQETFCLFDIGKNFSNSQEHLDLLQQRIKQRSFPDRKDEISA EKTLGEPGETIVISTDVANVSLGPFPLTPD

Product Application Details	
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200, Immunohistochemistry-Frozen
<b>Application Notes</b>	Use in Immunohistochemistry-Frozen reported in scientific literature (PMID:35024589).For IHC-Paraffin, HIER pH 6 retrieval is recommended..

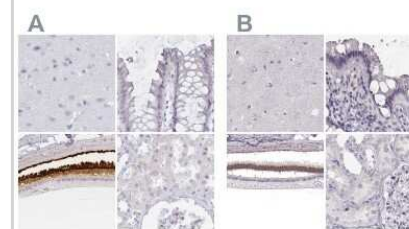


## Images

Immunohistochemistry-Paraffin: IMPG1 Antibody [NBP2-57461] - Staining of human eye, retina.



Immunohistochemistry-Paraffin: IMPG1 Antibody [NBP2-57461] - Staining of human cerebral cortex, colon, eye, retina and kidney using Anti-IMPG1 antibody NBP2-57461 (A) shows similar protein distribution across tissues to independent antibody NBP2-55575 (B).



## Publications

Yamasaki S, Tu H, Matsuyama T et al. A Genetic modification that reduces ON-bipolar cells in hESC-derived retinas enhances functional integration after transplantation iScience 2022-01-01 [PMID: 35024589] (IHC-Fr, Monkey)



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### **Products Related to NBP2-57461**

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NBP2-57461PEP	IMPG1 Recombinant Protein Antigen
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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