

Anti-RHO antibody (STJ13100294)

STJ13100294

GENERAL INFORMATION

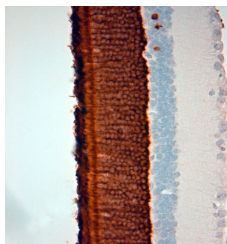
Product Type	Primary antibodies
Short Description	Nz White Rabbit polyclonal antibody anti-Rhodopsin is suitable for use in Immunohistochemistry and Western Blot research applications.
Applications	IHC, WB
Host/Source	NZ White Rabbit
Reactivity	Human, Mouse, Rat, Marmoset

PRODUCT PROPERTIES

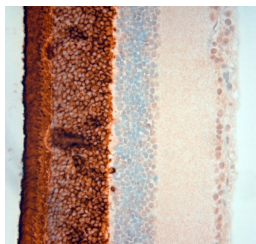
Clonality	Polyclonal
Clone ID	
Concentration	
Conjugation	Unconjugated
Purification	Whole serum
Dilution Range	A dilution of 1:2000 is recommended for IHC-P and 1:5000 to 1:7000 for WB. The optimal dilution should be determined by the end user. Not yet tested in other applications.
Formulation	Shipped as lyophilised. Reconstitute in 100 µl of sterile water. Centrifuge to remove any insoluble material.
Isotype	IgG
Storage	Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term.
Instruction	When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.

TARGET INFORMATION

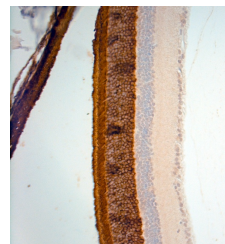
Gene ID	6010
Gene Symbol	RHO
Uniprot ID	OPSD_HUMAN
Immunogen	A synthetic peptide from human Rhodopsin conjugated to blue carrier protein was used as the antigen. The peptide is homologous in mouse and rat.
Immunogen Region	
Specificity	Specific for Rhodopsin.
Immunogen Sequence	



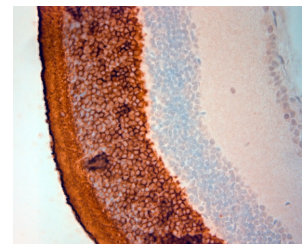
IHC-P on paraffin sections of mouse eye. The animal was perfused using Autoperfuser at a pressure of 130 mmHg with 300 ml 4% FA before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min using Thermo PT Module. Blocking: 0.2% LFD in TBS-T filtered thru 0.2 µm. Detection was done using Novolink HRP polymer from Leica following manufacturer's instructions; DAB chromogen. Primary antibody dilution 1: 500, incubated 30 min at RT using Autostainer. Sections were counterstained with Harris Hematoxylin.



IHC-P on paraffin sections of rat eye. The animal was perfused using Autoperfuser at a pressure of 130 mmHg with 300 ml 4% FA before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min using Thermo PT Module. Blocking: 0.2% LFD in TBS-T filtered thru 0.2 µm. Detection was done using Novolink HRP polymer from Leica following manufacturer's instructions; DAB chromogen. Primary antibody dilution 1: 500, incubated 30 min at RT using Autostainer. Sections were counterstained with Harris Hematoxylin.



IHC-P on paraffin sections of rat eye. The animal was perfused using Autoperfuser at a pressure of 130 mmHg with 300 ml 4% FA before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min using Thermo PT Module. Blocking: 0.2% LFD in TBS-T filtered thru 0.2 µm. Detection was done using Novolink HRP polymer from Leica following manufacturer's instructions; DAB chromogen. Primary antibody dilution 1: 500, incubated 30 min at RT using Autostainer. Sections were counterstained with Harris Hematoxylin.



IHC-P on paraffin sections of rat eye. The animal was perfused using Autoperfuser at a pressure of 130 mmHg with 300 ml 4% FA before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min using Thermo PT Module. Blocking: 0.2% LFD in TBS-T filtered thru 0.2 µm. Detection was done using Novolink HRP polymer from Leica following manufacturer's instructions; DAB chromogen. Primary antibody dilution 1: 500, incubated 30 min at RT using Autostainer. Sections were counterstained with Harris Hematoxylin.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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