Rhodopsin antibody [1D4]

Cat. No. GTX25417

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, IHC-Fr, IP, ELISA
Reactivity	Human, Mouse, Rat, Zebrafish, Bovine

References (2)
Package
100 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:100-1:1000
ICC/IF	1:10-1:1000
IHC-P	1:100-1:1000
IHC-Fr	Assay dependent
IP	Assay dependent
ELISA	Assay dependent

Not tested in other applications.

Calculated MW	39 kDa. (Note)
Product Note	The epitope for this antibody has been localized to the C-terminal nine amino acids of bovine rhodopsin known as the 1D4 epitope.

Properties

Form	Liquid
Buffer	PBS, 0.1% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Bovine rhodopsin.
Purification	Protein G purified

For full product information, images and publications, please visit our website.

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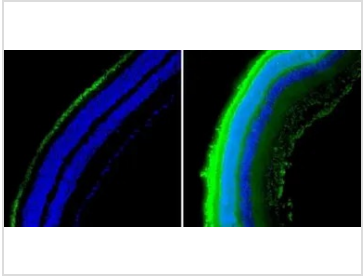
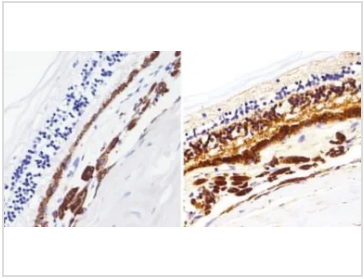
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



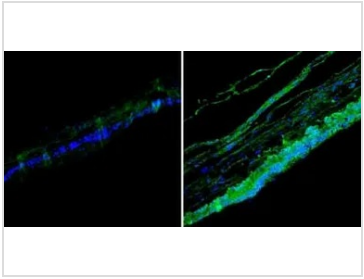
GTX25417 IHC-P Image

IHC-P analysis of mouse retinal tissue using GTX25417 Rhodopsin antibody [1D4].
Right : Primary antibody
Left : Negative control without primary antibody
Permeabilization : 0.1% Triton X-100 in TBS for 5-10 minute
Dilution : 1:50



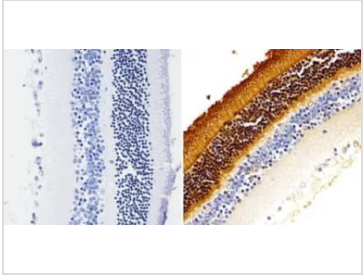
GTX25417 IHC-P Image

IHC-P analysis of human retinal tissue using GTX25417 Rhodopsin antibody [1D4].
Right : Primary antibody
Left : Negative control without primary antibody
Antigen retrieval : 10mM sodium citrate (pH 6.0), microwaved for 8-15 min
Dilution : 1:200



GTX25417 IHC-P Image

IHC-P analysis of human retinal tissue using GTX25417 Rhodopsin antibody [1D4].
Right : Primary antibody
Left : Negative control without primary antibody
Permeabilization : 0.1% Triton X-100 in TBS for 5-10 minute
Dilution : 1:50



GTX25417 IHC-P Image

IHC-P analysis of mouse retinal tissue using GTX25417 Rhodopsin antibody [1D4].
Right : Primary antibody
Left : Negative control without primary antibody
Antigen retrieval : 10mM sodium citrate (pH 6.0), microwaved for 8-15 min
Dilution : 1:1000

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