

## Melanopsin antibody

## Cat. No. GTX19383

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-Fr, IHC
Reactivity	Human, Mouse, Rat, Rodent

References ( 3 )

Package

100 µg

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	0.1 - 0.2 µg/ml
ICC/IF	5 µg/ml
IHC-Fr	1:1000
IHC	Assay dependent

Not tested in other applications.

Calculated MW 52 kDa. ( [Note](#) )

Product Note This antibody can detect over-expressed melanopsin protein but it does not work well on endogenously expressed protein.

## 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 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding to residues E(455) Q K S K T P K T K R H L P S L D R R M(474) of rat melanopsin.
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated



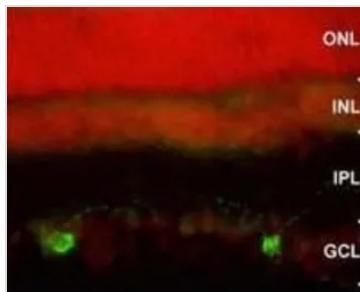
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**Note**

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****GTx19383 IHC Image**

IHC analysis of rat retinal ganglion cells using GTx19383 Melanopsin antibody.



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