

## RPE65 antibody [N1C3]

## Cat. No. GTX103472

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

References ( 11 )

Package

100 µl, 25 µl

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Calculated MW 61 kDa. ([Note](#))

## Properties

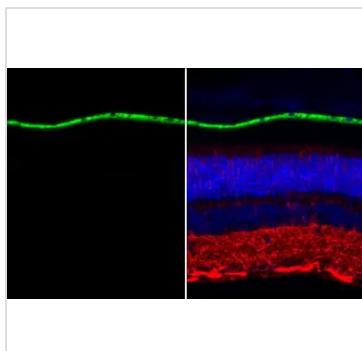
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.96 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human RPE65. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.	
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.



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## DATA IMAGES

**GTX103472 IHC-P Image**

RPE65 antibody [N1C3] detects RPE65 protein at retinal pigment epithelium by immunohistochemical analysis.

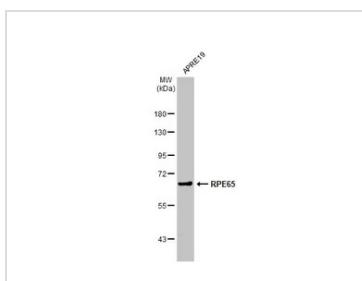
Sample: Paraffin-embedded mouse eye.

Green: RPE65 stained by RPE65 antibody [N1C3] (GTX103472) diluted at 1:500.

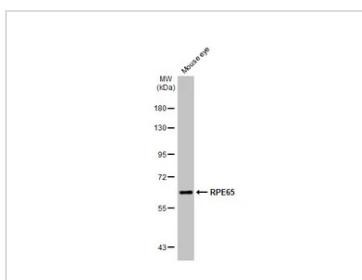
Red: beta Tubulin 3/ Tuj1, a neuronal marker, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (GTX631836) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

**GTX103472 WB Image**

Whole cell extract (30  $\mu$ g) was separated by 7.5% SDS-PAGE, and the membrane was blotted with RPE65 antibody [N1C3] (GTX103472) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

**GTX103472 WB Image**

Mouse tissue extract (50  $\mu$ g) was separated by 7.5% SDS-PAGE, and the membrane was blotted with RPE65 antibody [N1C3] (GTX103472) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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