

IP3 Receptor I antibody

Cat. No. GTX133104

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

Reference (2)

Package

100 µl, 25 µl

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
ICC/IF	1:100-1:1000
IHC-Fr	1:100-1:1000

Not tested in other applications.

Calculated MW 313 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	1.04 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of mouse IP3 Receptor I. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

Note

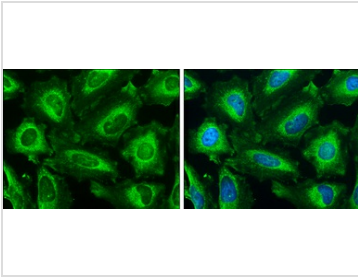
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DATA IMAGES



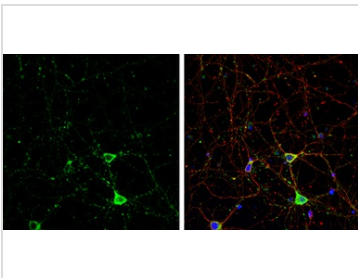
GTx133104 ICC/IF Image

IP3 Receptor I antibody detects IP3 Receptor I protein at cytoplasm by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Itpr1 protein stained by IP3 Receptor I antibody (GTx133104) diluted at 1:250.

Blue: Hoechst 33342 staining.



GTx133104 ICC/IF Image

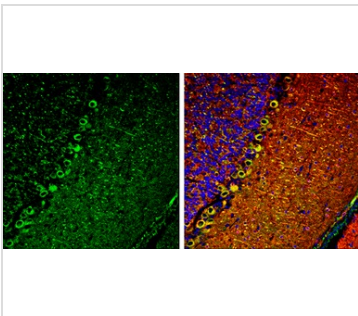
IP3 Receptor I antibody detects IP3 Receptor I protein by immunofluorescent analysis.

Sample: DIV9 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: IP3 Receptor I stained by IP3 Receptor I antibody (GTx133104) diluted at 1:500.

Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody [GT1338] (GTx631831) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTx30920).



GTx133104 IHC-Fr Image

IP3 Receptor I antibody detects IP3 Receptor I protein expression by immunohistochemical analysis.

Sample: Frozen-sectioned adult mouse cerebellum.

Green: IP3 Receptor I protein stained by IP3 Receptor I antibody (GTx133104) diluted at 1:250.

Red: beta Tubulin 3/ TUJ1, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] (GTx631836) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTx30920).



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