

P2X4 antibody

Cat. No. GTX54851

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

References (3)

Package

50 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-P	Assay dependent
IHC-Fr	Assay dependent
FCM	Assay dependent
IP	Assay dependent

Not tested in other applications.

Calculated MW 44 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 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	0.8 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide (C)KKYKYVEDYEQGLSGEMNQ, corresponding to amino acid residues 370-388 (Intracellular, C-terminus) of rat P2X4 receptor (Accession : P51577).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated



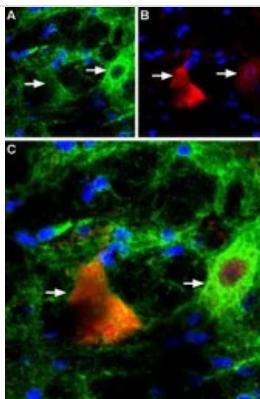
For full product information, images and publications, please visit our [website](#).

Date 2026 / 01 / 29 Page 1 of 2

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.

DATA IMAGES**GTX54851 IHC-Fr Image**

IHC-Fr analysis of rat brain tissue using GTX54851 P2X4 antibody. DAPI is used as the counterstain (blue).
Panel A : P2RX4 (green) appears in fibers surrounding cell shapes (arrows).
Panel B : Calbindin 28K (red) appears in large neurons.
Panel C : Merge of P2RX4 and Calbindin 28K suggests variable density of P2RX4 expressing fibers on red nucleus neurons.

**GTX54851 WB Image**

WB analysis of rat brain membrane lysate using GTX54851 P2X4 antibody preincubated with or without immunogen peptide.

Dilution : 1:200



For full product information, images and publications, please visit our [website](#).

Date 2026 / 01 / 29 Page 2 of 2