

Connexin 43 antibody

Cat. No. GTX54818

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-Fr, IHC (Free Floating)
Reactivity	Human, Mouse, Rat

References (1)

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-Fr	Assay dependent
IHC (Free Floating)	Assay dependent

Not tested in other applications.

Calculated MW 43 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)HAQPFDFPDDNQNSK, corresponding to amino acids residues 331-345 (Intracellular, C-terminus) of human Connexin-43 (Accession : P17302).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated



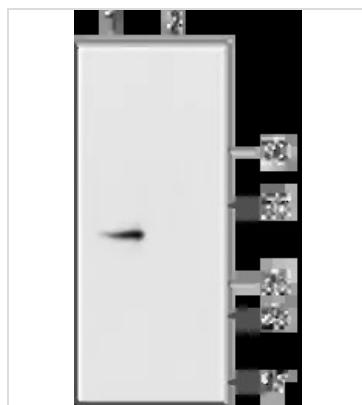
For full product information, images and publications, please visit our [website](#).

Date 2026 / 01 / 31 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.

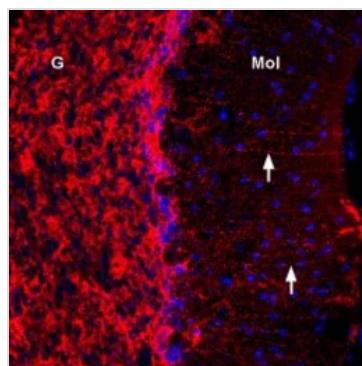
Note

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**GTX54818 WB Image**

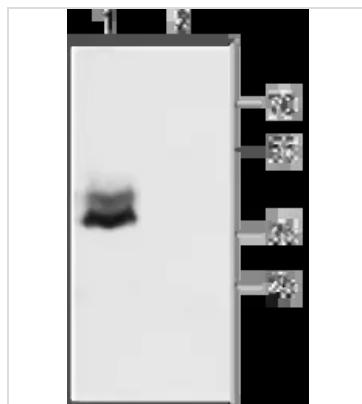
WB analysis of rat heart membrane lysate using GTX54818 Connexin 43 antibody preincubated with or without immunogen peptide.

Dilution : 1:400

**GTX54818 WB Image**

IHC-Frfl (free floating) analysis of rat cerebellum tissue using GTX54818 Connexin 43 antibody. Cx43 staining (red) appeared in Bergmann glial fibers (arrows) in the molecular layer (MOL) and in the granule layer (G). Cell nuclei were stained with DAPI (blue).

Dilution : 1:300

**GTX54818 IHC (Free Floating) Image**

WB analysis of mouse brain membrane lysates using GTX54818 Connexin 43 antibody preincubated with or without immunogen peptide.

Dilution : 1:400



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

Date 2026 / 01 / 31 Page 2 of 2