

## KCNQ5 antibody

## Cat. No. GTx54793

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

## 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 102 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)RGSQDFYPKWRESK, corresponding to amino acid residues 856-869 (Intracellular, C-terminus) of mouse KCNQ5 (Accession : Q9JK45).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated



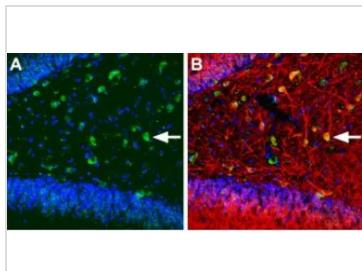
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Date 2026 / 01 / 30 Page 1 of 2

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**Note**

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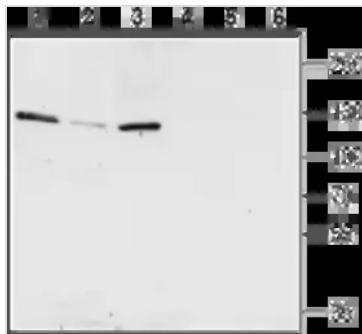
**DATA IMAGES****GTX54793 WB Image**

IHC-Frfl (free floating) analysis of rat hippocampus tissue using GTX54793 KCNQ5 antibody.

Panel A : KCNQ5 (green) is expressed in hilar cells of the hippocampal dentate gyrus.

Panel B : Double-staining of KCNQ5 (green) with a neuronal marker (red) reveals partial localization with hilar interneurons (arrow points at an example).

Dilution : 1:100

**GTX54793 IHC (Free Floating) Image**

WB analysis of rat hippocampus (lanes 1 and 4), mouse brain (lanes 2 and 5) and rat brain (lanes 3 and 6) lysates using GTX54793 KCNQ5 antibody preincubated with or without immunogen peptide.

Dilution : 1:200



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Date 2026 / 01 / 30 Page 2 of 2