Kv7.3 / KCNQ3 antibody

Cat. No. GTX16228

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

Package
50 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
ICC/IF	2 µg/ml
IHC-Fr	0.5 µg/ml

Not tested in other applications.

Product Note	This antibody is specific for KCNQ3 and does not detect KCNQ1, KCNQ2, KCNQ4 or KCNQ5. Immunohistochemical staining using GTX16228 yielded a strong signal mainly in interneurons and astrocytes in the dentate region of rat hippocampal samples.

Properties

Form	Liquid
Buffer	PBS, 0.1% BSA
Preservative	0.02% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	GST fusion protein encoding the first 71 amino acids of rat KCNQ3.
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. 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.

For full product information, images and publications, please visit our website.

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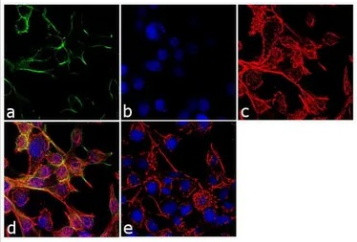
DATA IMAGES



GTX16228 ICC/IF Image

ICC/IF analysis of RSC-96 cells using GTX16228 Kv7.3 / KCNQ3 antibody. Panel e is a no primary antibody control.
Green : Primary antibody
Blue : Nuclei
Red : Actin
Fixation : 4% paraformaldehyde
Permeabilization : 0.1% Triton X-100 for 10 minute
Dilution : 2 µg/ml in 0.1% BSA and incubated for 3 hours at room temperature

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