KCNQ1 Polyclonal Antibody
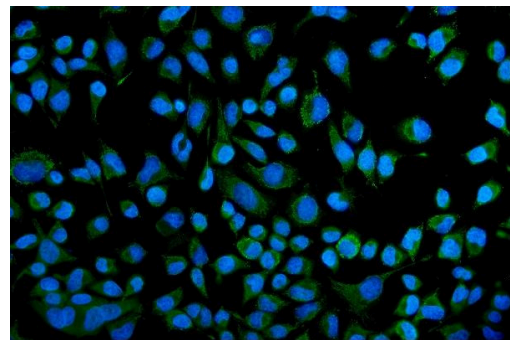
Product Details

Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human KCNQ1 (356-397aa QQKQRQKHFNRQIPAAASLIQTAWRCYAAENPDSSTWKIYIR).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Affinity chromatography
Storage buffer	PBS with 4mg trehalose
Contains	no preservative
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2807202

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	2-5 µg/mL	-
Immunocytochemistry (ICC/IF)	5 µg/mL	-
Flow Cytometry (Flow)	1-3 µg/1x10^6 cells	-

Product Specific Information

Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

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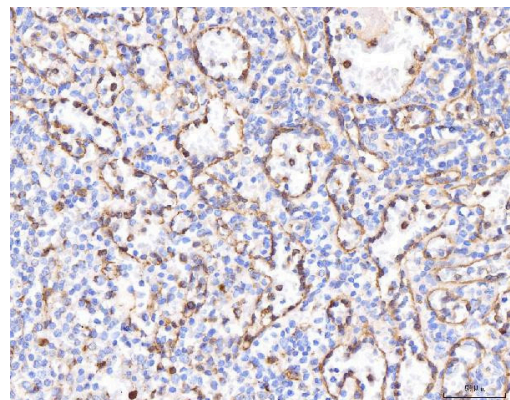
Product Images For KCNQ1 Polyclonal Antibody

KCNQ1 Antibody (PA5-95399) in ICC/IF
Immunocytochemistry analysis of KCNQ1 using anti-KCNQ1 antibody (Product # PA5-95399) . KCNQ1 was detected in an immunocytochemical section of HeLa cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent for 15 mins. The cells were blocked with 10% goat serum and then incubated with 5 g/mL rabbit anti-KCNQ1 antibody (Product # PA5-95399) overnight at 4°C. DyLight®488 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37°C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.
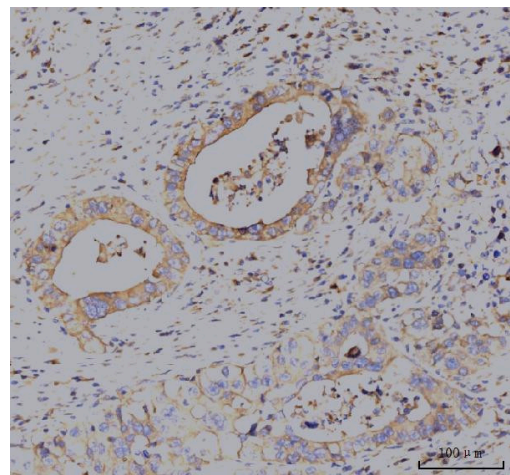
KCNQ1 Antibody (PA5-95399) in IHC (P)
Immunohistochemical analysis of KCNQ1 in a paraffin-embedded section of human breast cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution).The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 g/mL rabbit anti-KCNQ1 antibody (Product # PA5-95399) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.

KCNQ1 Antibody (PA5-95399) in IHC (P)
Immunohistochemical analysis of KCNQ1 in a paraffin-embedded section of human liver cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution).The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 g/mL rabbit anti-KCNQ1 antibody (Product # PA5-95399) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.

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