

## KCNQ1 Antibody

**CAB2174**

### Description

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This KCNQ1 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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**SKU:** CAB2174

**Contents:** 20  $\mu$ L, 100  $\mu$ L

Bradford Reagent: 1 vial (2ml)

**Category:** Polyclonal Antibody

**Synonyms:** LQT, RWS, WRS, LQT1, SQT2, ATFB1, ATFB3, JLNS1, KCNA8, KCNA9, Kv1.9, Kv7.1, KVLQT1, KCNQ1

**Clone:** -

**Applications:** WB ELISA

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 3784

**Uniprot:** AB\_2764192

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 70kDa/75kDa

**Calculated MW:** 75kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

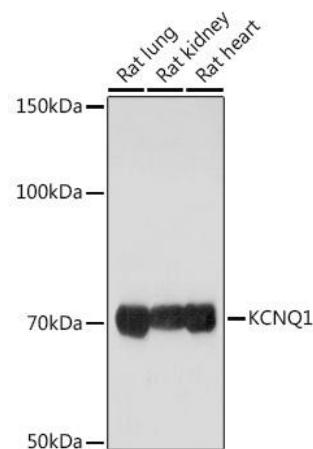
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** 293T, Mouse pancreas, Rat lung, Rat kidney, Rat heart

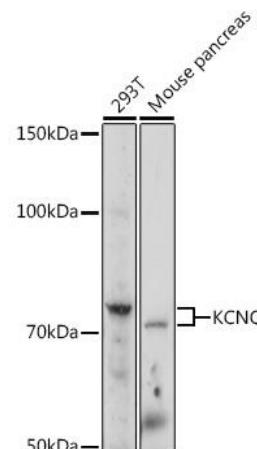
<b>Recommended Dilutions:</b>	WB	1:500 - 1:2000
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data



Western blot analysis of various lysates using KCNQ1 Rabbit pAb (CAB2174) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (AbGn00021). Exposure time: 10s.



Western blot analysis of various lysates using KCNQ1 Rabbit pAb (CAB2174) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (AbGn00021). Exposure time: 30s.

