

KCNE1L Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP59426**Specification**

KCNE1L Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	O9UJ90
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14993

KCNE1L Polyclonal Antibody - Additional Information**Gene ID** 23630**Other Names**

Potassium voltage-gated channel subfamily E regulatory beta subunit 5, AMME syndrome candidate gene 2 protein, Potassium channel subunit beta MiRP4, Potassium voltage-gated channel subfamily E member 1-like protein, KCNE5, AMMECR2, KCNE1L
{ECO:0000303|PubMed:10493825}

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

KCNE1L Polyclonal Antibody - Protein Information**Name** KCNE5**Synonyms** AMMECR2, KCNE1L {ECO:0000303|PubMed:1049**Function**

Potassium channel ancillary subunit that is essential for generation of some native K(+) currents by virtue of formation of heteromeric ion channel complex with voltage-gated potassium (Kv) channel pore-forming alpha subunits. Functions as an inhibitory beta- subunit of the repolarizing cardiac potassium ion channel KCNQ1.

Cellular Location

Membrane; Single- pass type I membrane protein

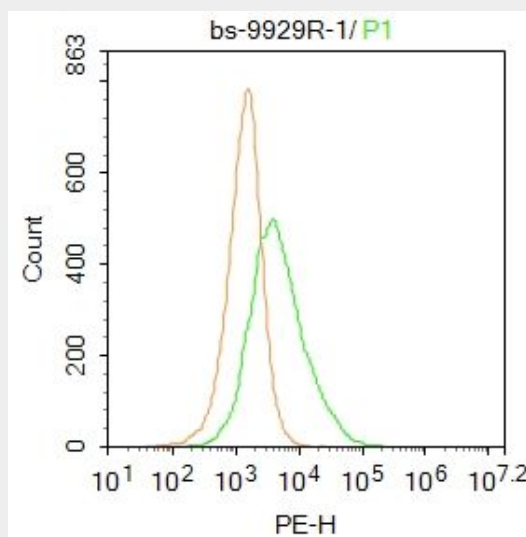
Tissue Location

Highly expressed in heart, skeletal muscle, brain, spinal cord and placenta.

KCNE1L Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KCNE1L Polyclonal Antibody - Images

Blank control: Hela.

Primary Antibody (green line): Rabbit Anti-KCNE1L antibody (bs-9929R)

Dilution: 1 μ g /10⁶ cells;

Isotype Control Antibody (orange line): Rabbit IgG .

Secondary Antibody : Goat anti-rabbit IgG-PE

Dilution: 1 μ g /test.

Protocol

The cells were fixed with 4% PFA (10min at room temperature) and then permeabilized with 20% PBST for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.