

**KCNG1 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP54762****Specification**

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**KCNG1 Polyclonal Antibody - Product Information**

Application	IHC-P
Primary Accession	<a href="#">O9UIX4</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57913

**KCNG1 Polyclonal Antibody - Additional Information****Gene ID** 3755**Other Names**

Potassium voltage-gated channel subfamily G member 1, Voltage-gated potassium channel subunit Kv6.1, KH2, KCNG1

**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.

**KCNG1 Polyclonal Antibody - Protein Information****Name** KCNG1**Function**

Potassium channel subunit that does not form functional channels by itself. Can form functional heterotetrameric channels with KCNB1; modulates the delayed rectifier voltage-gated potassium channel activation and deactivation rates of KCNB1 (PubMed:<a href="http://www.uniprot.org/citations/19074135" target="\_blank">19074135</a>).

**Cellular Location**

Cell membrane; Multi-pass membrane protein. Note=Colocalizes with KCNB1 at the plasma membrane (PubMed:19074135)

**Tissue Location**

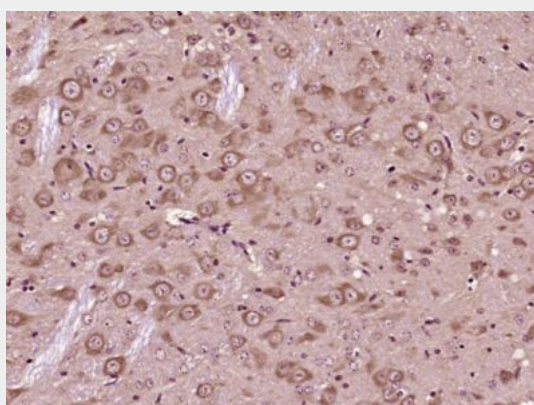
Expressed in brain and placenta, and at much lower levels in kidney and pancreas (PubMed:9434767)

## KCNG1 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](#)

## KCNG1 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (KCNG1) Polyclonal Antibody, Unconjugated (bs-12174R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.