

Kv1.8 Polyclonal Antibody
Catalog # AP63703**Specification**

Kv1.8 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q16322
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal

Kv1.8 Polyclonal Antibody - Additional Information**Gene ID** 3744**Other Names**

Potassium voltage-gated channel subfamily A member 10 (Voltage-gated potassium channel subunit Kv1.8)

Dilution

WB~~WB 1:1000-2000, IHC 1:100-200

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Kv1.8 Polyclonal Antibody - Protein Information**Name** KCNA10**Function**

Mediates voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance with their electrochemical gradient. The channel activity is up-regulated by cAMP.

Cellular Location

Membrane; Multi- pass membrane protein

Tissue Location

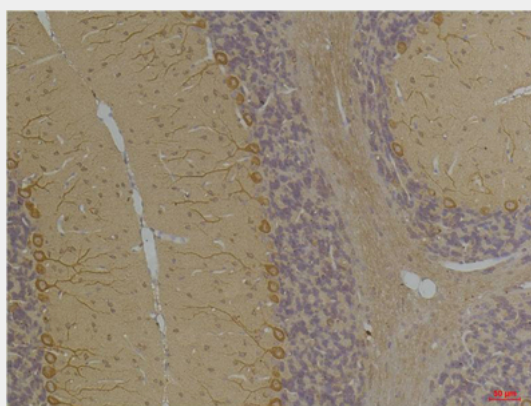
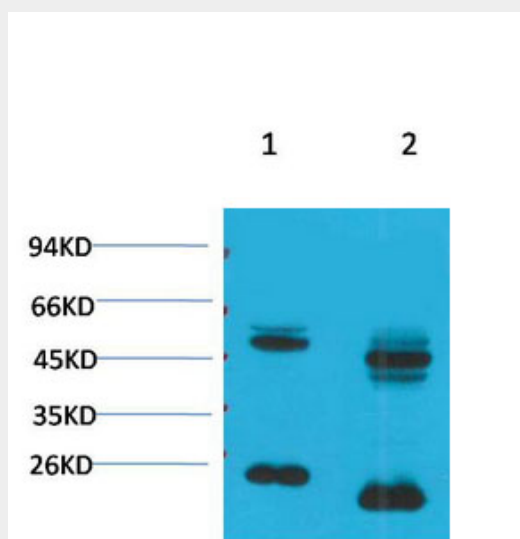
Detected in kidney, in proximal tubules, glomerular endothelium, in vascular endothelium and in smooth muscle cells

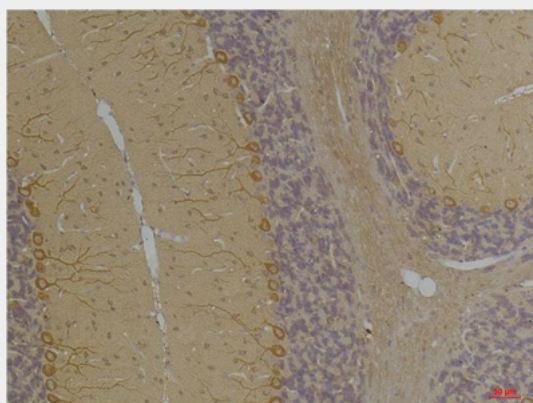
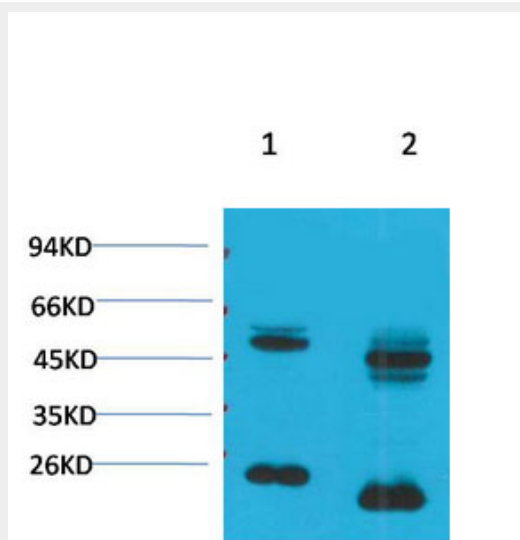
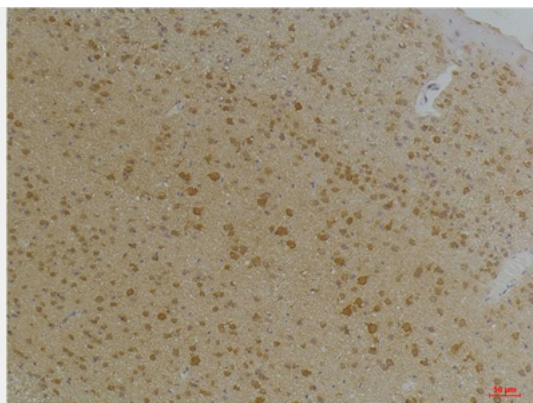
Kv1.8 Polyclonal Antibody - Protocols

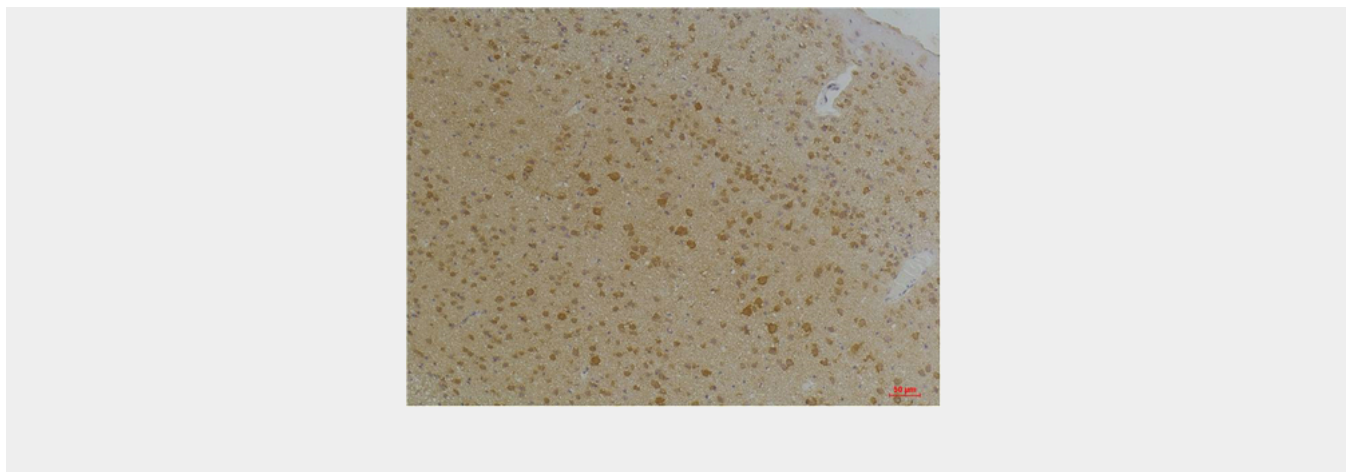
Provided below are standard protocols that you may find useful for product applications.

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

Kv1.8 Polyclonal Antibody - Images







Kv1.8 Polyclonal Antibody - Background

Mediates voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance with their electrochemical gradient. The channel activity is up-regulated by cAMP.