

Kv11.3 Polyclonal Antibody
Catalog # AP63707**Specification**

Kv11.3 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q9NS40
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal

Kv11.3 Polyclonal Antibody - Additional Information**Gene ID** 90134**Other Names**

Potassium voltage-gated channel subfamily H member 7 (Ether-a-go-go-related gene potassium channel 3) (ERG-3) (Eag-related protein 3) (Ether-a-go-go-related protein 3) (hERG-3) (Voltage-gated potassium channel subunit Kv11.3)

Dilution

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

IHC-P~~N/A

Format

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

Storage Conditions

-20°C

Kv11.3 Polyclonal Antibody - Protein Information**Name** KCNH7 ([HGNC:18863](#))**Synonyms** ERG3**Function**

Pore-forming (alpha) subunit of voltage-gated inwardly rectifying potassium channel (PubMed:32723862). Exhibits faster activation and deactivation kinetics and slow inactivation at membrane potentials positive to 240 mV, resulting in the weakest inward rectification (PubMed:32723862).

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q12809}; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q12809}

Tissue Location

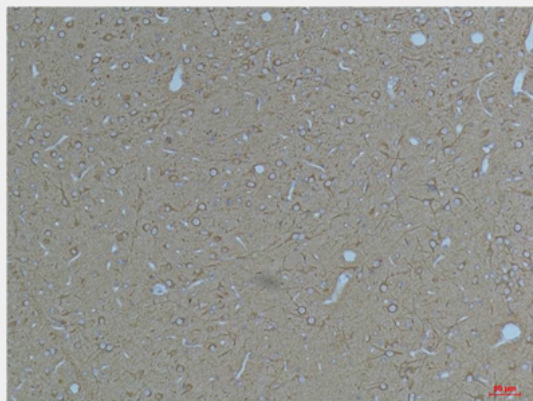
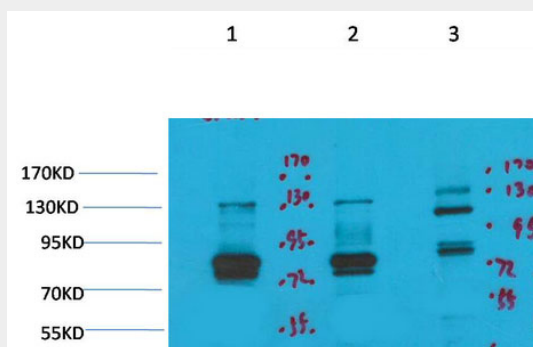
Expressed in prolactin-secreting adenomas.

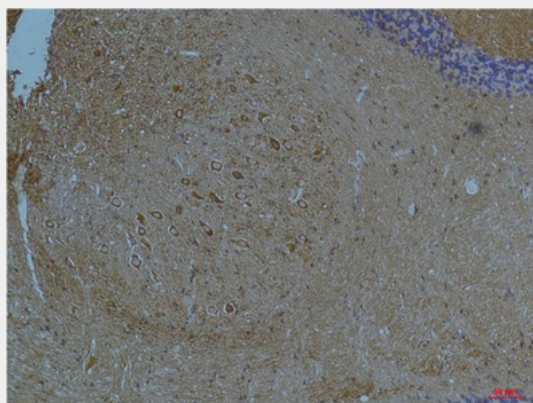
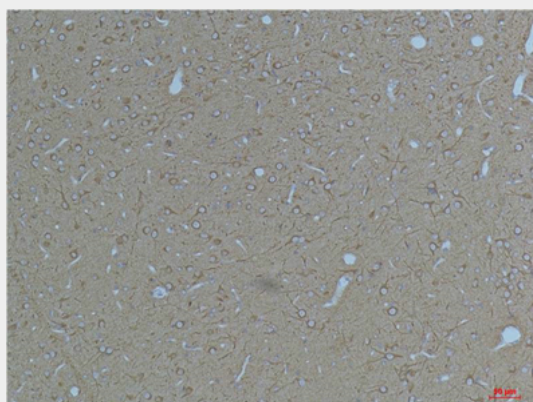
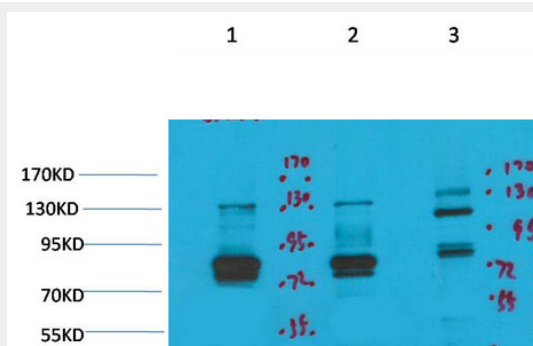
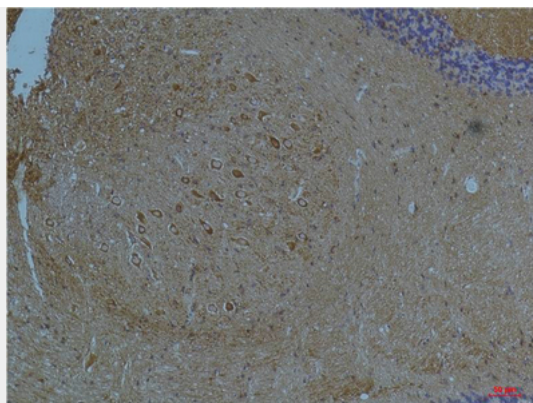
Kv11.3 Polyclonal Antibody - Protocols

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](#)

Kv11.3 Polyclonal Antibody - Images





Kv11.3 Polyclonal Antibody - Background

Pore-forming (alpha) subunit of voltage-gated potassium channel. Channel properties may be modulated by cAMP and subunit assembly.