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KCNT1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50772

Specification

KCNT1 Antibody - Product Information

Application	**WB, IHC**
Primary Accession	Q5JUK3
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**138,142,140 KDa**
Antigen Region	**1035-1061**

KCNT1 Antibody - Additional Information

Gene ID 57582

Other Names
Potassium channel subfamily T member 1, KCa41, KCNT1, KIAA1422

Dilution
WB~~ 1:1000
IHC~~1:50-100

Format
Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions
-20℃

KCNT1 Antibody - Protein Information

Name KCNT1

Synonyms KIAA1422

Function
Outwardly rectifying potassium channel subunit that may coassemble with other Slo-type channel subunits. Activated by high intracellular sodium or chloride levels. Activated upon stimulation of G-protein coupled receptors, such as CHRM1 and GRIA1. May be regulated by calcium in the absence of sodium ions (in vitro) (By similarity).

Cellular Location
Cell membrane; Multi-pass membrane protein

Tissue Location

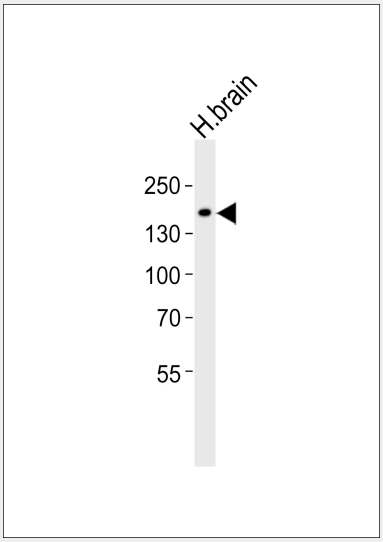
Highest expression in liver, brain and spinal cord. Lowest expression in skeletal muscle.

KCNT1 Antibody - Protocols

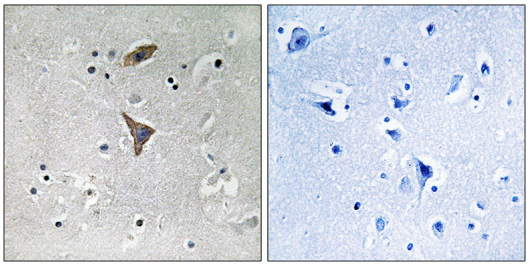
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KCNT1 Antibody - Images



Western blot analysis of lysate from human brain tissue lysate,using KCNT1 Antibody(AP50772). AP50772 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysate at 35ug.



Immunohistochemistry analysis of paraffin-embedded human brain tissue using KCNT1 antibody.

KCNT1 Antibody - Background

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KCNT1 Antibody - References

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Nagase T.,et al.DNA Res. 7:65-73(2000).
Heron S.E.,et al.Nat. Genet. 44:1188-1190(2012).
Barcia G.,et al.Nat. Genet. 44:1255-1259(2012).