

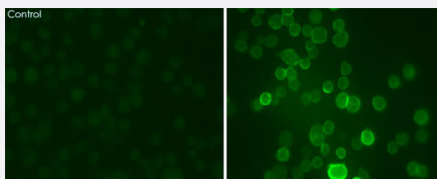
Kcnc1 (phospho S503) polyclonal antibody

Catalog # PAB9689

Size 100 uL

Applications

Immunofluorescence



Immunostaining of medial nucleus of the trapezoid body (MNTB) cells with Kcnc1 (phospho S503) polyclonal antibody (Cat # PAB9689). The left panel shows control cells. The right panel shows cells that have been exposed to the Kcnc1 activator PMA.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of Kcnc1.
Immunogen	Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding S503 of mouse and rat Kcnc1.
Host	Rabbit
Theoretical MW (kDa)	100
Reactivity	Mouse, Rat
Form	Liquid
Purification	Affinity purification
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Immunohistochemistry (Frozen sections) (1:1000) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM HEPES, 150 mM NaCl, pH 7.5 (50% glycerol, 10% BSA)

Storage Instruction

Store at -20°C. For long term storage store at -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry (Frozen sections)
- Immunofluorescence

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Publication Reference

- [Loss of Kv3.1 tonotopicity and alterations in cAMP response element-binding protein signaling in central auditory neurons of hearing impaired mice.](#)
von Hehn CA, Bhattacharjee A, Kaczmarek LK.
Journal of Neuroscience 2004 Feb; 24(8):1936.
- [Cell type-specific expression of the Kv3.1 gene is mediated by a negative element in the 5' untranslated region of the Kv3.1 promoter.](#)
Gan L, Hahn SJ, Kaczmarek LK.
Journal of Neurochemistry 1999 Oct; 73(4):1350.
- [Voltage-gated potassium channels: from hyperexcitability to excitement.](#)
Pongs O.
FEBS Letters 1999 Jun; 452(1-2):31.

Application: WB-Ce, WB-Tr, Human, Mammalian cells