antibodies - online.com







anti-KCNK18 antibody (Center)

Images



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Quantity:	0.1 mg
Target:	KCNK18
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNK18 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)
Product Details	

Immunogen:	TRESK antibody was raised against a 17 amino acid peptide from near the center of human TRESK.
Isotype:	IgG
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Peptide affinity chromatography

Target Details

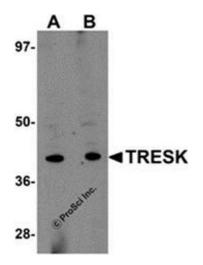
Target:	KCNK18
Alternative Name:	KCNK18 (KCNK18 Products)

Target Details

Storage Comment:

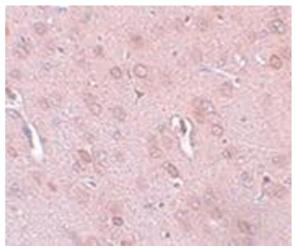
TRESK (TWIK-related spinal cord K+ channel) is a two-pore domain K+ channel that induces
outward rectification and functions as a background K+ channel that is abundantly expressed
in the spinal cord, thymus, spleen, and leukemic T-lymphocytes. TRESK is activated by
increased cytoplasmic calcium concentration through calcineurin as well as by acetylcholine
and histamine. It has been suggested that TRESK is linked to acute and chronic pain by
activation of calcineurin. Other studies indicate that TRESK may play a role in the regulation of
T-cell function and could be an excellent target to treat T-cell originated immune
dysfunction.Synonyms: KCNK18, Potassium channel subfamily K member 18, TRESK, TRIK,
TWIK-related individual potassium channel, TWIK-related spinal cord potassium channel
338567
NP_862823
ELISA. Western blot: 1 - 2 μg/mL. Immunohistochemistry on paraffin sections.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.
For Research Use only
1.0 mg/mL
PBS containing 0.02 % sodium azide
Sodium azide
This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
should be handled by trained staff only.
Avoid repeated freezing and thawing.
-20 °C

Store the antibody (in aliquots) at -20 °C.



Western Blotting

Image 1. Western blot analysis of TRESK in rat brain tissue lysate with this product at (A) 1 and (B) $2 \mu g/ml$.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of TRESK in rat brain tissue with this product at $5 \, \mu g/ml$.