

Datasheet for ABIN6991251  
**anti-KCNK18 antibody (AA 210-260)**



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## Overview

Quantity:	0.1 mg
Target:	KCNK18
Binding Specificity:	AA 210-260
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNK18 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

## Product Details

Immunogen:	TRESK antibody was raised against a 17 amino acid synthetic peptide from near the center of human TRESK. The immunogen is located within amino acids 210 - 260 of TRESK.
Isotype:	IgG
Purification:	TRESK Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	KCNK18
Alternative Name:	TRESK ( <a href="#">KCNK18 Products</a> )
Background:	TRESK Antibody: TRESK (TWIK-related spinal cord K <sup>+</sup> channel) is a two-pore domain K <sup>+</sup> channel that induces outward rectification and functions as a background K <sup>+</sup> channel that is

## Target Details

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.

Gene ID: 338567

NCBI Accession: [NP\\_862823](#)

UniProt: [Q7Z418](#)

## Application Details

Application Notes: TRESK antibody can be used for detection of TRESK by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in rat samples, Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: TRESK Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: TRESK antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.