

Nur für Forschungszwecke

TRPM3 Polyklonaler Antikörper

Katalog-Nr.:12724-1-AP



Allgemeine Informationen

Katalog-Nr.: 12724-1-AP	GenBank-Zugangsnummer: BC022454	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 80036	Empfohlene Verdünnungen: WB 1:1000-1:8000
Wirt: Kaninchen	Vollständiger Name: transient receptor potential cation channel, subfamily M, member 3	
Isotyp: IgG	Berechnete Masse: 1732 aa, 197 kDa	
Immunogen Katalognummer: AG3421	Beobachtete Masse: 160-210 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : Maushirngewebe, Rattenhirngewebe
Getestete Reaktivität: Human, Maus, Ratte	

Hintergrundinformationen

The transient receptor potential melastatin-3 (TRPM3) channel belongs to the family of transient receptor potential (TRP) cation channels that are expressed in a variety of tissues and cell types, including kidney, brain, dorsal root ganglia, cardiomyocytes and pancreatic beta-cells. TRPM3 channels can be activated by the neurosteroid pregnenolone sulfate, and they are regulated by phosphoinositides, and perhaps by calmodulin. Stimulation of TRPM3 channels is connected with heat sensation by somatosensory neurons, insulin secretion by pancreatic beta-cells, regulation of neurotransmitter release, iris constriction, and tumor promotion. The calculated MW of TRPM3 is 197 kDa, 12724-1-AP can detect a band around 160 kDa, which likely corresponds to different splice variant. (PMID: 28720517,21198543)

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

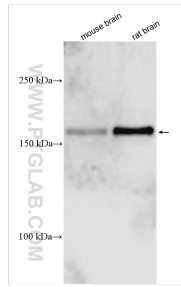
For technical support and original validation data for this product please contact:

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Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 12724-1-AP (TRPM3 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.