

TRPC4 polyclonal antibody

Catalog # PAB11598 Size 100 ug

Applications



Western Blot (Tissue lysate)

TRPC4 polyclonal antibody (Cat # PAB11598) (0.3 ug/mL) staining of rat brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of TRPC4.

Immunogen A synthetic peptide corresponding to human TRPC4.

Sequence C-KHAKEEDSSIDYD

Host Goat

Theoretical MW (kDa) 112

Reactivity Rat

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
 ELISA (1:32000)
 Western Blot (0.3-1 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — TRPC4

Entrez GeneID	7223
Protein Accession#	NP_057263.1
Gene Name	TRPC4
Gene Alias	HTRP4, MGC119570, MGC119571, MGC119572, MGC119573, TRP4
Gene Description	transient receptor potential cation channel, subfamily C, member 4
Omim ID	603651
Gene Ontology	Hyperlink
Gene Summary	subfamily C
Other Designations	OTTHUMP00000018272 transient receptor potential 4

Publication Reference

- [Impaired Orai1-mediated Resting Ca²⁺ Entry Reduces the Cytosolic \[Ca²⁺\] and Sarcoplasmic Reticulum Ca²⁺ Loading in Quiescent Junctophilin 1 Knock-out Myotubes.](#)

Li H, Ding X, Lopez JR, Takeshima H, Ma J, Allen PD, Eltit JM.

The Journal of Biological Chemistry 2010 Dec; 285(50):39171.

Application: WB, Human, Myotube

- [Canonical transient receptor potential channel 4 \(TRPC4\) co-localizes with the scaffolding protein ZO-1 in human fetal astrocytes in culture.](#)

Song X, Zhao Y, Narcisse L, Duffy H, Kress Y, Lee S, Brosnan CF.

Glia 2005 Feb; 49(3):418.

Application: ICC, IEM, IP, WB, Human, Human fetal astrocytes

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