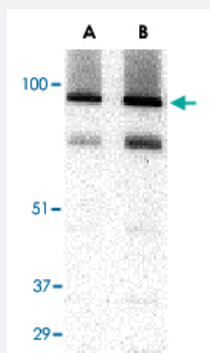


TRPC3 polyclonal antibody

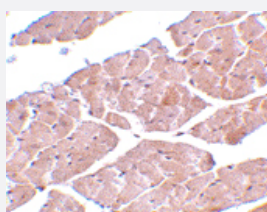
Catalog # PAB13224 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of TRPC3 in human brain tissue lysate with TRPC3 polyclonal antibody (Cat # PAB13224) at (A) 1 and (B) 2 ug/mL .



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of TRPC3 in mouse heart tissue with TRPC3 polyclonal antibody (Cat # PAB13224) at 2 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TRPC3.
Immunogen	A synthetic peptide corresponding to 14 amino acids near C-terminus of human TRPC3.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Peptide affinity purification

Concentration	1 mg/mL
Recommend Usage	Western Blot (1-2 ug/mL) Immunohistochemistry (2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for up to one year. 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.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of TRPC3 in human brain tissue lysate with TRPC3 polyclonal antibody (Cat # PAB13224) at (A) 1 and (B) 2 ug/mL .

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of TRPC3 in mouse heart tissue with TRPC3 polyclonal antibody (Cat # PAB13224) at 2 ug/mL .

- Enzyme-linked Immunoabsorbent Assay

Gene Info — TRPC3

Entrez GeneID	7222
Protein Accession#	CAA74083
Gene Name	TRPC3
Gene Alias	TRP3
Gene Description	transient receptor potential cation channel, subfamily C, member 3
Omim ID	602345
Gene Ontology	Hyperlink
Gene Summary	subfamily C
Other Designations	transient receptor potential channel 3

Publication Reference

- [The diacylglycerol-sensitive TRPC3/6/7 subfamily of cation channels: functional characterization and physiological relevance.](#)

Dietrich A, Kalwa H, Rost BR, Gudermann T.

Pflügers Archiv 2005 Oct; 451(1):72.

Application: WB-Tr, Human, HEK 293 cells

- [The TRPC3/6/7 subfamily of cation channels.](#)

Trebak M, Vazquez G, Bird GS, Putney JW Jr.

Cell Calcium 2003 May; 33(5-6):451.

Application: IP, WB, Human, HEK 293 cells

- [A unified nomenclature for the superfamily of TRP cation channels.](#)

Montell C, Birnbaumer L, Flockerzi V, Bindels RJ, Bruford EA, Caterina MJ, Clapham DE, Harteneck C, Heller S, Julius D, Kojima I, Mori Y, Penner R, Prawitt D, Scharenberg AM, Schultz G, Shimizu N, Zhu MX.

Molecular Cell 2002 Feb; 9(2):229.

Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)