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Goat anti-TRPC1 Antibody

Peptide-affinity purified goat antibody
Catalog # AF4489a

Product Information

Application	IHC, IF, FC, Pep-ELISA
Primary Accession	P48995
Other Accession	NP_003295.1, NP_001238774.1
Reactivity	Human, Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Clone Names	TRPC1
Calculated MW	91212

Additional Information

Gene ID	7220
Other Names	TRPC1; transient receptor potential cation channel, subfamily C, member 1; HTRP-1; MGC133334; MGC133335; TRP1; transient receptor potential channel 1
Dilution	IHC~~1:100~500 IF~~1:50~200 FC~~1:10~50 Pep-ELISA~~N/A
Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Goat anti-TRPC1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TRPC1
Synonyms	TRP1
Function	Forms a receptor-activated non-selective calcium permeant cation channel (PubMed:11139478, PubMed:15016832, PubMed:39478185). Forms a heteromeric ion channel with TRPC4 or TRPC5 that has reduced calcium permeability compared to the homomeric TRPC4 or TRPC5 channel (PubMed:39478185). Also permeable to monovalent ions including sodium, lithium and cesium ions (PubMed:39478185).

Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Seems to be ubiquitous.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.