

ARG64910 anti-TRPC7 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes TRPC7
Tested Reactivity	Chk
Predict Reactivity	Hu, Ms, Rat, Dog
Tested Application	IP, WB
Specificity	This antibody is expected to cross-react with isoform 1, 2 and 3 (NP_065122.1; NP_001161049.1; NP_001161048.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	TRPC7
Species	Human
Immunogen	KLCKSKAKSCEND
Conjugation	Un-conjugated
Alternate Names	hTRP7; Transient receptor protein 7; TrpC7; Short transient receptor potential channel 7; TRP-7; TRP7

Application Instructions

Application table	Application	Dilution
	IP	Assay - dependent
	WB	Assay - dependent
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	TRPC7
Gene Full Name	transient receptor potential cation channel, subfamily C, member 7
Function	Thought to form a receptor-activated non-selective calcium permeant cation channel. Probably is operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors. Activated by diacylglycerol (DAG) (By similarity). May also be activated by intracellular calcium store depletion. [UniProt]
Research Area	Signaling Transduction antibody
Calculated Mw	100 kDa
PTM	Phosphorylation by PRKG1 at Thr-15 negatively regulates TRPC7 activity.