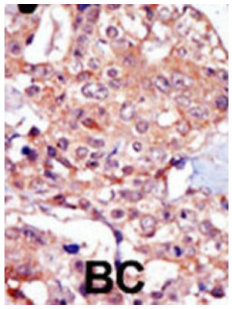
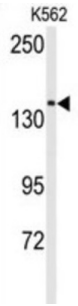
Transient Receptor Potential Cation Channel Subfamily M Member 7 (TRPM7) Antibody

Catalogue No.:abx025138





TRPCs, mammalian homologs of the Drosophila transient receptor potential (trp) protein, are ion channels that are thought to mediate capacitative calcium entry into the cell. TRP-PLIK is a protein that is both an ion channel and a kinase. As a channel, it conducts calcium and monovalent cations to depolarize cells and increase intracellular calcium. As a kinase, it is capable of phosphorylating itself and other substrates. The kinase activity is necessary for channel function, as shown by its dependence on intracellular ATP and by the kinase mutants.[supplied by OMIM].

Target:	Transient Receptor Potential Cation Channel Subfamily M Member 7 (TRPM7)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	WB, IHC
Host:	Rabbit
Recommended dilutions:	Validated in IHC-P. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 45-74 amino acids from the N-terminal region of human TRPM7 (CHAK1).
Isotype:	IgG

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Form:	Liquid
Purification:	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q96QT4 (UniProt, ExPASy)
KEGG:	hsa:54822
String:	9606.ENSP00000320239
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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