

TRPM8 Antibody FITC Conjugated

Catalog No: #C07682F

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	TRPM8 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human TRPM8
Conjugates	FITC
Target Name	TRPM8
Other Names	LTrpC-6; LTrpC6 antibody Short form of the TRPM8 cationic channel; Transient receptor potential cation channel subfamily M member 8; Transient receptor potential p8; Trp p8; Trp-p8; Trpm8; TRPM8_HUMAN; TRPP8; MGC2849; transient receptor potential-p8; Long transient receptor potential channel 6.
Accession No.	NCBI Gene ID79054
Uniprot	Q7Z2W7
GeneID	79054;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

Receptor-activated non-selective cation channel involved in detection of sensations such as coolness, by being activated by cold temperature below 25 degrees Celsius. Activated by icilin, eucalyptol, menthol, cold and modulation of intracellular pH. Involved in menthol sensation. Permeable for monovalent cations sodium, potassium, and cesium and divalent cation calcium. Temperature sensing is tightly linked to voltage-dependent gating. Activated upon depolarization, changes in temperature resulting in graded shifts of its voltage-dependent activation curves. The chemical agonists menthol functions as a gating modifier, shifting activation curves towards physiological membrane potentials. Temperature sensitivity arises from a tenfold difference in the activation energies associated with voltage-dependent opening and closing.

Note: This product is for in vitro research use only