bs-9049R **[Primary Antibody]**

TRPM1 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 4308 **SWISS:** O75560

Target: TRPM1

Immunogen: KLH conjugated synthetic peptide derived from human TRPM1: 51-150/1603. < Extracellular >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Cation channel essential for the depolarizing photoresponse of retinal ON bipolar cells. It is part of the GRM6 signaling cascade. May play a role in metastasis suppression (By similarity). May act as a spontaneously active, calcium-permeable plasma membrane channel.
Involvement in disease:
Defects in TRPM1 are the cause of congenital stationary night blindness type 1C (CSNB1C) [MIM:613216]. A non-progressive retinal disorder characterized by impaired night vision, often associated with nystagmus and myopia.

Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:50-200)
ICC/IF (1:100-500)
ELISA (1:5000-10000)

Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse)

Predicted MW.: 182 kDa

Subcellular Location: Cell membrane