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TRPM1 Rabbit pAb

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Catalog # AP59121

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	O75560
Predicted	Rat, Pig, Dog, Human, Mouse, Rabbit, Chicken, Horse
Host	Rabbit
Clonality	Polyclonal
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TRPM1
Epitope Specificity	51-150/1603
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell membrane
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.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:50-200,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Background

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