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Datasheet for ABIN7270920
anti-TRPM1 antibody (AA 1343-1642)

Overview

| | |
|----------------------|--------------------------------------|
| Quantity: | 100 µL |
| Target: | TRPM1 |
| Binding Specificity: | AA 1343-1642 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TRPM1 antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC) |

Product Details

| | |
|-------------------|---|
| Purpose: | TRPM1 Rabbit pAb |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 1343-1642 of human TRPM1 (NP_001238949.1). |
| Sequence: | FRIKEEKDVK THLVPECQNS LHLSLGTSTS ATPDGSHLAV DDLKNAEESK LGPDIGISKE DDERQTDSKK EETISPSLNK TDVIHGQDKS DVQNTQLTVE TTNIEGTISY PLEETKITRY FPDETINACK TMKSRSFVYS RGRKLVGGVN QDVEYSSITD QQLTTEWQCQ VQKITRSHST DIPYIVSEAA VQAEHKEQFA DMQDEHHVAE AIPRIPLSL TITDRNGMEN LLSVKPDQTL GFPSLRKSL HGHPNRVXSI QGKLDKRSRGA SSVSSLVIVS GMTAEKKVK KEKASTETEC |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse |
| Characteristics: | Polyclonal Antibodies |

Product Details

Purification: Affinity purification

Target Details

Target: TRPM1

Alternative Name: TRPM1 ([TRPM1 Products](#))

Background: This gene encodes a member of the transient receptor potential melastatin subfamily of transient receptor potential ion channels. The encoded protein is a calcium permeable cation channel that is expressed in melanocytes and may play a role in melanin synthesis. Specific mutations in this gene are the cause autosomal recessive complete congenital stationary night blindness-1C. The expression of this protein is inversely correlated with melanoma aggressiveness and as such it is used as a prognostic marker for melanoma metastasis. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Oct 2011],CSNB1C,LTRPC1,MLSN1,TRPM1,Cancer,Signal Transduction,Endocrine & Metabolism,Neuroscience,Calcium Signaling,TRPM1

Gene ID: 4308

UniProt: [Q7Z4N2](#)

Application Details

Application Notes: IHC,1:50 - 1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.