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TRP2 Polyclonal Antibody

Catalog # AP72933

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	P40126
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59145

Additional Information

Gene ID	1638
Other Names	DCT; TYRP2; L-dopachrome tautomerase; DCT; DT; L-dopachrome Delta-isomerase; Tyrosinase-related protein 2; TRP-2; TRP2
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

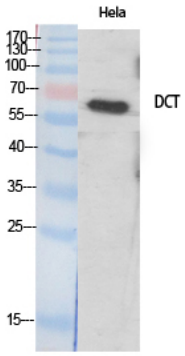
Protein Information

Name	DCT (HGNC:2709)
Synonyms	TYRP2
Function	Plays a role in melanin biosynthesis (PubMed: 33100333). Catalyzes the conversion of L-dopachrome into 5,6-dihydroxyindole-2- carboxylic acid (DHICA).
Cellular Location	Melanosome membrane; Single-pass type I membrane protein. Melanosome {ECO:0000250|UniProtKB:P29812}. Note=Proper trafficking to melanosome is regulated by SGSM2, ANKRD27, RAB9A, RAB32 and RAB38 {ECO:0000250|UniProtKB:P29812}

Background

Catalyzes the conversion of L-dopachrome into 5,6- dihydroxyindole-2-carboxylic acid (DHICA) (PubMed:8306979). Involved in regulating eumelanin and phaeomelanin levels.

Images



Western Blot analysis of various cells using TRP2 Polyclonal Antibody diluted at 1：500. Secondary antibody was diluted at 1:20000

Citations

- Measles Vaccines Designed for Enhanced CD8 T Cell Activation

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