

TRP2 Polyclonal Antibody
Catalog # AP72933**Specification**

TRP2 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IF
Primary Accession	P40126
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

TRP2 Polyclonal Antibody - 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

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

TRP2 Polyclonal Antibody - 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

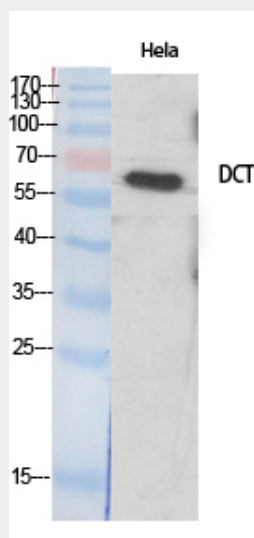
Melanosome membrane; Single-pass type I membrane protein. Melanosome {ECO:0000250|UniProtKB:P29812}. Note=Proper trafficking to melanosome is regulated by SGSM2, ANKRD27, RAB9A, RAB32 and RAB38 {ECO:0000250|UniProtKB:P29812}

TRP2 Polyclonal Antibody - Protocols

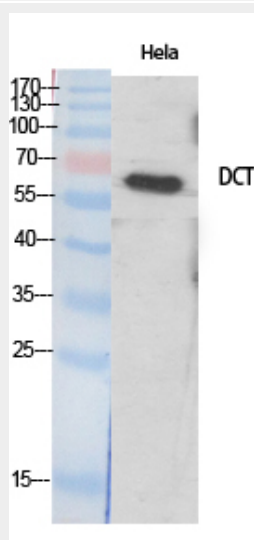
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TRP2 Polyclonal Antibody - Images



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



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

TRP2 Polyclonal Antibody - Background

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

TRP2 Polyclonal Antibody - Citations

- [Measles Vaccines Designed for Enhanced CD8 T Cell Activation](#)