

**TRP2 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51159****Specification**

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**TRP2 Antibody - Product Information**

Application	<b>WB, ICC, IHC-P, E</b>
Primary Accession	<a href="#">P40126</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>59 KDa</b>

**TRP2 Antibody - Additional Information****Gene ID** 1638**Other Names**

L-dopachrome tautomerase, DCT, DT, L-dopachrome Delta-isomerase, Tyrosinase-related protein 2, TRP-2, TRP2, DCT, TYRP2

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**TRP2 Antibody - Protein Information****Name** DCT ([HGNC:2709](#))**Synonyms** TYRP2**Function**

Plays a role in melanin biosynthesis (PubMed:&lt;a href="http://www.uniprot.org/citations/33100333" target="\_blank"&gt;33100333&lt;/a&gt;). 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 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 Antibody - Images**

#### **TRP2 Antibody - Background**

Involved in regulating eumelanin and pheomelanin levels.

#### **TRP2 Antibody - References**

Yokoyama K., et al. *Biochim. Biophys. Acta* 1217:317-321(1994).  
Cassady J.L., et al. *Gene* 143:295-298(1994).  
Bouchard B., et al. *Eur. J. Biochem.* 219:127-134(1994).  
Khong H.T., et al. *J. Immunol.* 168:951-956(2002).  
Dunham A., et al. *Nature* 428:522-528(2004).