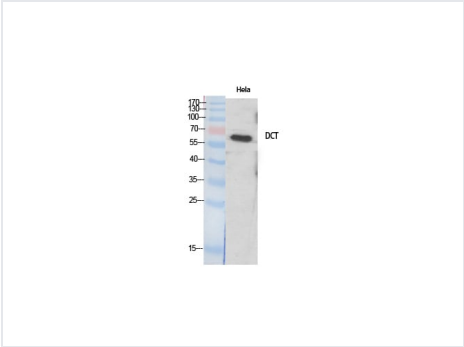
TRP2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TRP2, Polyclonal Antibody
Full Product Name	DCT Polyclonal Antibody
Product Gene Name	anti-TRP2 antibody
Product Synonym Names	DCT; TYRP2; L-dopachrome tautomerase; DCT; DT;L-dopachrome Delta-isomerase; Tyrosinase-relatedprotein 2; TRP-2; TRP2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Purity/Purification	Affinity purification
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.
3D Structure	ModBase 3D Structure for P40126
Immunogen	Synthesized peptide derived from the Internal region of human TRP2.
Calculated MW	59 kDa
Observed MW	60 kDa
Buffer	PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4
Product Categories/Family for anti-TRP2 antibody	Cell Biology
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TRP2 antibody	Western Blot (WB), Immunofluorescence (IF), ELISA (EIA)
Application Notes for anti-TRP2 antibody	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:50-1:200 ELISA 1:40000
Related Product Information for anti-TRP2 antibody	Dopachrome tautomerase (dopachrome delta-isomerase, tyrosine-related protein 2), also known as DCT, is a human gene. The human TYRP2 protein has 83% identity and 90% similarity to the mouse sequence and has all the structural characteristics of the tyrosinase protein family, including a signal peptide, 15 conserved cysteine residues, 2 copperbinding domains, and a C-terminal membrane-spanning region. Northern blot analysis showed that TYRP2 is expressed at high levels in human melanoma cells. Its expression is regulated by the microphthalmiaassociated transcription factor (MITF).
Other Notes	Small volumes of anti-TRP2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TRP2 purchase	MBS2536012 is an antibody targeting TRP2. Also known as DCT Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-TRP2 antibody
Western Blot analysis of Hela cells using DCT Polyclonal Antibody at dilution of 1:500.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TRP2. It may not necessarily be applicable to this product.

NCBI GI #	906319914
NCBI GeneID	1638
NCBI Accession #	CEP20523.1
UniProt Primary Accession #	P40126
NCBI Official Full Name	TRP2
UniProt Protein Name	TRP2 protein
UniProt Synonym Protein Names	TRP2 protein
Protein Family	Anthranilate synthase
UniProt Gene Name	TRP2
UniProt Entry Name	A0A0H5BYF2_CYBJA
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