

Rabbit anti-Human, Mouse DCT Polyclonal Antibody | anti-DCT antibody

DCT Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324801	Rabbit	Human, Mouse	Immunocytochemistry, Immunofluorescence, Western Blot

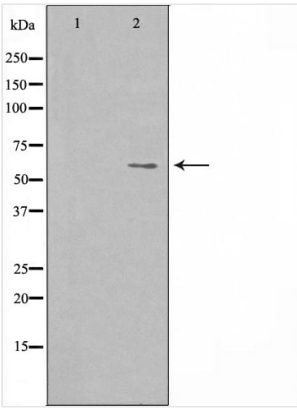
PRODUCT SYNONYMS

DCT; Polyclonal Antibody; DCT Antibody; L dopachrome tautomerase; Dopachrome delta isomerase; Dopachrome tautomerase; Dopachrome tautomerase dopachrome delta isomerase; tyrosine related protein 2; DT; EC 5.3.3.12; L dopachrome Delta isomerase; L-dopachrome Delta-isomerase; L-dopachrome tautomerase; TRP 2; TRP-2; TRP2; Tyrosinase related protein 2; Tyrosinase-related protein 2; TYRP2; TYRP2_HUMAN; anti-DCT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	DCT antibody detects endogenous levels of total DCT
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	552
Applicable Applications for anti-DCT antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TRP2/DCT, corresponding to a region within N-terminal amino acids
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween20 at 4 degrees C with gentle shaking, overnight. Western blot analysis of extracts from K562 cells, using DCT antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-DCT antibody	Function: Catalyzes the conversion of L-dopachrome into 5, 6-dihydroxyindole-2-carboxylic acid (DHICA) (PubMed:8306979). Involved in regulating eumelanin and phaeomelanin levels. Subunit Structure: Tyrosinase, TYRP1 and DCT/TYRP2 may form a multienzyme complex. Post-translational Modifications: Glycosylated. Similarity: Belongs to the tyrosinase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	193788640
NCBI GeneID	1638
NCBI Accession #	NP_001123361.1
NCBI GenBank Nucleotide #	NM_001129889.2
UniProt Accession #	P40126; Q09GT4
Molecular Weight	60-70 KD
NCBI Official Full Name	L-dopachrome tautomerase isoform 2
NCBI Official Synonym Full Names	dopachrome tautomerase
NCBI Official Symbol	DCT
NCBI Official Synonym Symbols	TRP-2; TYRP2
NCBI Protein Information	L-dopachrome tautomerase
UniProt Protein Name	L-dopachrome tautomerase
UniProt Gene Name	DCT
UniProt Synonym Gene Names	TYRP2; DCT; DT; TRP-2; TRP2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.