

Rabbit DCT Polyclonal Antibody | anti-DCT antibody

DCT Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA173866	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

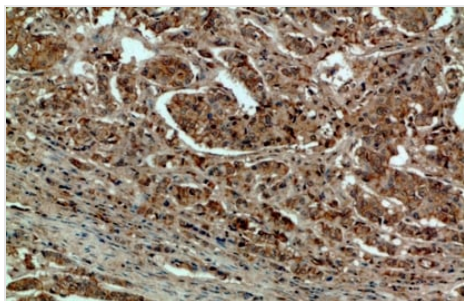
PRODUCT SYNONYMS

DCT; Polyclonal Antibody; DCT Polyclonal Antibody; L-dopachrome tautomerase (DCT) (DT) (EC 5.3.3.12) (L-dopachrome Delta-isomerase) (Tyrosinase-related protein 2) (TRP-2) (TRP2); anti-DCT antibody

PRODUCT SPECIFICATIONS

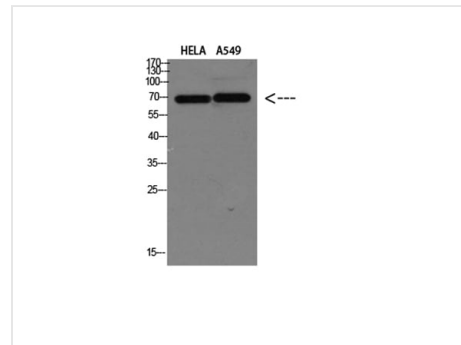
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	552
Applicable Applications for anti-DCT antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide from human protein
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using DCT Polyclonal Antibody at dilution of 1:200.



WB (Western Blot)

Western Blot analysis of Hela, A549 cells using DCT Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-DCT 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 copper-binding 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 microphthalmia-associated transcription factor (MITF).
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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	59kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dct-antibody-immunohistochemistry-western-blot-elisa/173866>