

Rabbit DCT Polyclonal Antibody | anti-DCT antibody

DCT Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA166946	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

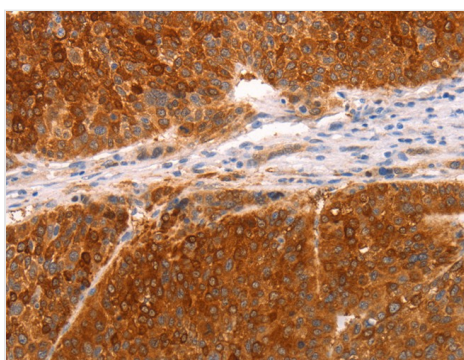
PRODUCT SYNONYMS

DCT; Polyclonal Antibody; DCT Polyclonal Antibody; TRP-2; TYRP2; anti-DCT antibody

PRODUCT SPECIFICATIONS

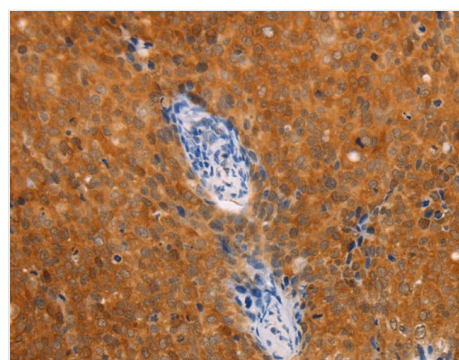
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.7mg/mL (varies by lot)
Sequence Length	98
Applicable Applications for anti-DCT antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human DCT
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



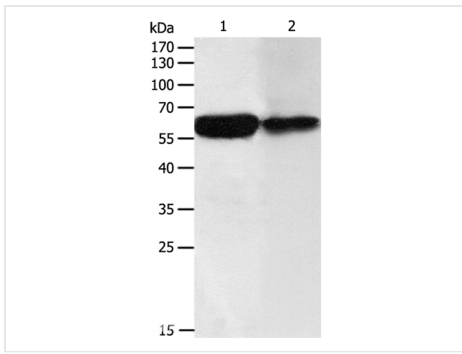
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human liver cancer using DCT Polyclonal Antibody at dilution of 1:25



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer using DCT Polyclonal Antibody at dilution of 1:25



WB (Western Blot)

Western Blot analysis of Human liver cancer and fetal liver tissue using DCT Polyclonal
Antibody at dilution of 1:200

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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	110672091
NCBI GeneID	1638
Molecular Weight	62,929 Da
NCBI Official Full Name	DCT, partial
NCBI Official Synonym Full Names	dopachrome tautomerase
NCBI Official Symbol	DCT
NCBI Official Synonym Symbols	TRP-2; TYRP2
NCBI Protein Information	L-dopachrome tautomerase; DT; L-dopachrome Delta-isomerase; TRP2; dopachrome delta-isomerase; dopachrome tautomerase (dopachrome delta-isomerase, tyrosine-related protein 2); tyrosinase-related protein 2
UniProt Protein Name	L-dopachrome tautomerase
UniProt Gene Name	DCT
UniProt Synonym Gene Names	TYRP2; DCT; DT; TRP-2; TRP2
UniProt Entry Name	TYRP2_HUMAN

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/166946>