

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

DCT Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284022	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

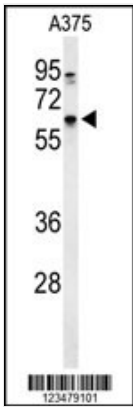
PRODUCT SYNONYMS

DCT; Polyclonal Antibody; DCT Antibody (N-term); L-dopachrome tautomerase; DT; L-dopachrome Delta-isomerase; Tyrosinase-related protein 2; TRP-2; TRP2; TYRP2; anti-DCT antibody

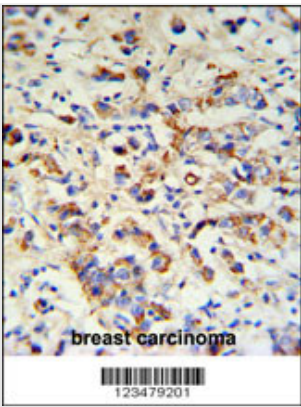
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DCT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 62-89 amino acids from the N-terminal region of human DCT.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.35 (varies by lot)
Sequence Positions	62-89
Sequence Length	552
Applicable Applications for anti-DCT antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of DCT Antibody (N-term) in A375 cell line lysates (35ug/lane). DCT (arrow) was detected using the purified Pab.



IHC (Immunohistochemistry)
DCT Antibody (N-term) IHC analysis in formalin fixed and paraffin embedded breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the DCT Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL INFORMATION

Product Categories/Family for anti-DCT antibody	Cell biology; Developmental biology; Metabolism
References	Edwards, M., et al. PLoS Genet. 6 (3), E1000867 (2010) Khong, H.T., et al. J. Immunol. 168(2):951-956(2002) Sugimoto, H., et al. Biochemistry 38(11):3268-3279(1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	193788640
NCBI GeneID	1638
NCBI Accession #	NP_001123361.1; NP_001913.2
NCBI GenBank Nucleotide #	NM_001129889.1
UniProt Accession #	P40126; Q09GT4
Molecular Weight	59145
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
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.

