

Datasheet for ABIN7266832
anti-DCT antibody (AA 50-350)



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1 Image

Overview

Quantity:	100 µL
Target:	DCT
Binding Specificity:	AA 50-350
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DCT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	DCT Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 50-350 of human DCT (NP_001913.2).
Sequence:	NVCGSQQGRG QCTEVRADTR PWSGPYILRN QDDRELWPRK FFHRTCKCTG NFAGYNCGDC KFGWTGPNCE RKKPPVIRQN IHSLSPQERE QFLGALDLAK KRVHPDYVIT TQHWLGLLGP NGTQPQFANC SVYDFFVWLH YYSVRDTLLG PGRPYRAIDF SHQGPAFVTW HRYHLLCLER DLQRLIGNES FALPYWNFAT GRNECDVCTD QLFGAARPDD PTLISRNSRF SSWETVCDSL DDYNHLVTLC NGTYEGLLRR NQMGRNSMKL PTLKDIRDCL SLQKFDNPPF FQNSTFSFRN A
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: DCT

Alternative Name: DCT ([DCT Products](#))

Background: Catalyzes the conversion of L-dopachrome into 5,6-dihydroxyindole-2-carboxylic acid (DHICA.,DCT,TRP-2,TYRP2,Cell Biology & Developmental Biology,Cell Cycle,Cell differentiation,Endocrine & Metabolism,DCT

Molecular Weight: 59kDa/62kDa

Gene ID: 1638

UniProt: [P40126](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

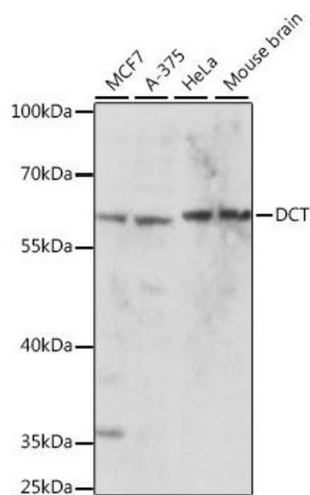
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using DCT antibody (ABIN7266832) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.