

DCT rabbit monoclonal antibody

Catalog # H00001638-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human DCT peptide using ARM Technology.
Immunogen	A synthetic peptide of human DCT is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human DCT peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — DCT

Entrez GeneID	1638
GeneBank Accession#	DCT
Gene Name	DCT
Gene Alias	TYRP2
Gene Description	dopachrome tautomerase (dopachrome delta-isomerase, tyrosine-related protein 2)
Omim ID	191275
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	Dopachrome tautomerase (dopachrome delta-isomerase; tyrosinase-related protein 2) OTTHUM P00000018553

Pathway

- [Melanogenesis](#)
- [Metabolic pathways](#)
- [Tyrosine metabolism](#)

Disease

- [Intervertebral Disk Displacement](#)