10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DDCT Rabbit pAb

Catalog # AP96249

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	P30046
Other Accession	P30046
Predicted	Rat, Pig, Human, Mouse, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	12712
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human DDCT
Epitope Specificity	51-118/118
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm.
SIMILARITY	Belongs to the MIF family.
SUBUNIT	Homotrimer.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Tautomerization of D-dopachrome with decarboxylation to give 5,6-dihydroxyindole (DHI).

Additional Information

Gene ID	1652
Other Names	D-DT; DDCT; MIF-2; MIF2; DOPD_HUMAN; DDT; D-dopachrome tautomerase; Phenylpyruvate tautomerase II; 4.1.1.84; DOPD_MOUSE; DOPD_RAT; D-dopachrome decarboxylase
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	DDT
Function	Tautomerization of D-dopachrome with decarboxylation to give

	5,6-dihydroxyindole (DHI).
Cellular Location	Cytoplasm.
Tissue Location	Highly expressed in the liver and at lower levels in the heart, lung and pancreas.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.