

Rabbit DDT Polyclonal Antibody | anti-DDT antibody

Anti-DDT antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA44995	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

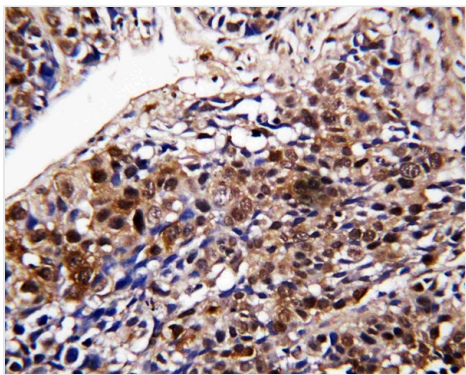
PRODUCT SYNONYMS

DDT; Polyclonal Antibody; Anti-DDT antibody; D-dopachrome decarboxylase; D-dopachrome tautomerase; D dopachrome decarboxylase antibody; D dopachrome tautomerase antibody; D-dopachrome decarboxylase antibody; D-dopachrome tautomerase antibody; DDCT antibody; Ddt antibody; Phenylpyruvate tautomerase II antibody; anti-DDT antibody

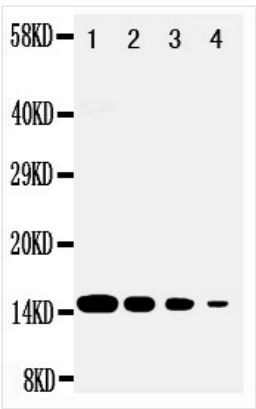
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	118
Applicable Applications for anti-DDT antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human DDT (99-118aa RFFPLESWQIGKIGTVMFL), different from the related mouse and rat sequence by two amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-DDT antibody, AAA44995, IHC(P)IHC(P): Human Lung Cancer Tissue



WB (Western Blot)
Anti-DDT antibody, AAA44995, Western blottingLane 1: Recombinant Human DDT Protein 10ngLane 2: Recombinant Human DDT Protein 5ngLane 3: Recombinant Human DDT Protein 2.5ngLane 4: Recombinant Human DDT Protein 1.25ng

ADDITIONAL INFORMATION

Related Product Information for anti-DDT antibody	Description: Rabbit IgG polyclonal antibody for D-dopachrome decarboxylase(DDT) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: DDT, D-dopachrome tautomerization, converts D-dopachrome into 5,6-dihydroxyindole. Northern blot analysis revealed that DDT was expressed as a 0.6-kb mRNA in all tissues tested, with the strongest expression in liver. The DDT gene in human and mouse is identical in exon structure to the MIF gene. Both genes have 2 introns that are located at equivalent positions, relative to a 2-fold repeat in protein structure.the genes for DDT and MIF are closely linked on human chromosome 22 and mouse chromosome 10.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2828192
NCBI GeneID	1652
UniProt Accession #	P30046; O00774; O60787; Q13534; B7Z522
Molecular Weight	11,323 Da
NCBI Official Full Name	D-dopachrome decarboxylase
NCBI Official Synonym Full Names	D-dopachrome tautomerase
NCBI Official Symbol	DDT
NCBI Official Synonym Symbols	DDCT
NCBI Protein Information	D-dopachrome decarboxylase; phenylpyruvate tautomerase II
UniProt Protein Name	D-dopachrome decarboxylase
UniProt Gene Name	DDT
UniProt Entry Name	DOPD_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.