

Datasheet for ABIN6657521
anti-DDT antibody (C-Term)



[Go to Product page](#)

1 Publication

Overview

Quantity:	100 µg
Target:	DDT
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	DDT Antibody
Immunogen:	DDT affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to a sequence at the C-terminal of human DDT.
Isotype:	IgG
Cross-Reactivity (Details):	Anti-DDT antibody is directed against human DDT protein.
Purification:	The product was affinity purified from monospecific antiserum by immunoaffinity purification.

Target Details

Target:	DDT
---------	-----

Target Details

Alternative Name:	DDT (DDT Products)
Background:	Synonyms: D-dopachrome tautomerase, Phenylpyruvate tautomerase II 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. This antibody is suitable for researchers interested in stem cell research. Gene Name: DDT
Gene ID:	1652
NCBI Accession:	NP_001077861
UniProt:	P30046

Application Details

Application Notes:	Immunohistochemistry_Dilution: 1:100-1:500 Western_Blot_Dilution: 0.5 µg/mL
Comment:	Suggested Applications: IP Anti-DDT is tested for Immunohistochemistry-P and Western Blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~12.7 kDa corresponding to the appropriate cell lysate or extract.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution_Buffer: Restore with deionized water (or equivalent) Reconstitution_Volume: 200µL
Buffer:	Buffer: 0.9 mg NaCl, 0.2 mg Na₂HPO₄, 0.05 mg Sodium azide Stabilizer: 5 mg BSA Preservative: 0.05 mg Thimerosal
Preservative:	Thimerosal (Merthiolate)

Handling

Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiry Date:	12 months

Publications

Product cited in:	Song, Liu, Habibie, van den Bor, Smit, Gosens, Wu, Brandsma, Cool, Haisma, Poelarends, Melgert: "D-dopachrome tautomerase contributes to lung epithelial repair via atypical chemokine receptor 3-dependent Akt signaling." in: EBioMedicine , Vol. 68, pp. 103412, (2021) (PubMed).
-------------------	---