

Datasheet for ABIN3030697 **anti-DDT antibody (C-Term)**

3 Images



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Overview

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

Product Details

Immunogen:	An amino acid sequence from the C-terminus of human DDT (RFFPLESWQIGKIGTVMFTFL) was used as the immunogen for this DDT antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	DDT
Alternative Name:	DDT (DDT Products)
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

Target Details

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.

UniProt: [P30046](#)

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the DDT antibody may be required due to differences in protocols and secondary/substrate sensitivity.\.
Western blot: 0.5-1 µg/mL, IHC (Paraffin): 0.5-1 µg/mL

Restrictions: For Research Use only

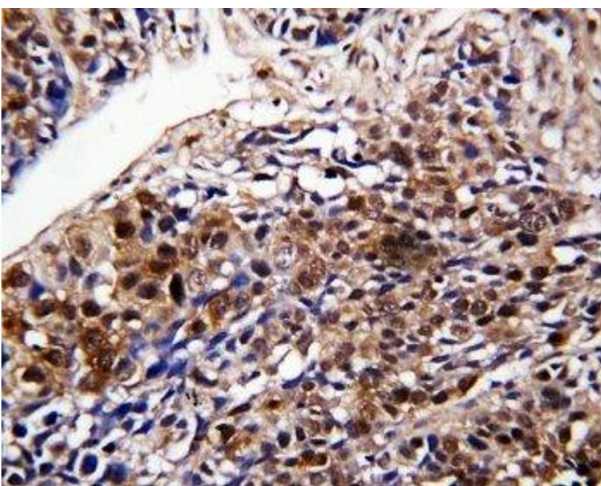
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

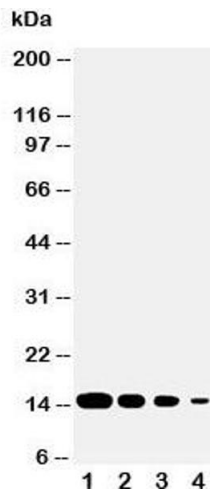
Storage Comment: After reconstitution, the DDT antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



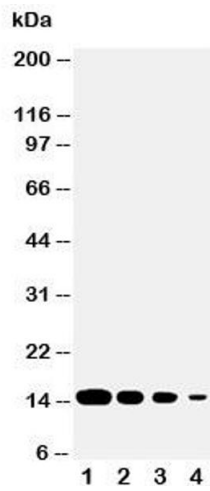
Immunohistochemistry

Image 1. IHC-P: DDT antibody testing of human lung cancer tissue



Western Blotting

Image 2. Western blot testing of DDT antibody and Lane 1: recombinant human protein 10ng; 2: 5ng; Lane 3; 2.5ng; 4: 1.25ng



Western Blotting

Image 3. Western blot testing of DDT antibody and Lane 1: recombinant human protein 10ng