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Datasheet for ABIN2782455
anti-DDT antibody (N-Term)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	DDT
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Pig, Guinea Pig, Horse, Rabbit, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DDT
Sequence:	PFLELDTNLP ANRVPAGLEK RLCAAAASIL GKPADRVNVT VRPGLAMALS
Predicted Reactivity:	Cow: 85%, Guinea Pig: 75%, Horse: 93%, Human: 100%, Mouse: 77%, Pig: 77%, Rabbit: 92%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against DDT. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DDT
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Target Details

Alternative Name:	DDT (DDT Products)
Background:	<p>D-dopachrome tautomerase converts D-dopachrome into 5,6-dihydroxyindole. It is related to the migration inhibitory factor (MIF) in terms of sequence, enzyme activity, and gene structure. DDT and MIF are closely linked on chromosome 22. D-dopachrome tautomerase converts D-dopachrome into 5,6-dihydroxyindole. The DDT gene is related to the migration inhibitory factor (MIF) in terms of sequence, enzyme activity, and gene structure. DDT and MIF are closely linked on chromosome 22.</p> <p>Alias Symbols: DDCT</p> <p>Protein Interaction Partner: UBC, HECW2, DSTYK,</p> <p>Protein Size: 118</p>
Molecular Weight:	13 kDa
Gene ID:	1652
NCBI Accession:	NM_001355 , NP_001346
UniProt:	B5MCS6

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 118 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Mehrle, Rosenfelder, Schupp, del Val, Arlt, Hahne, Bechtel, Simpson, Hofmann, Hide, Glatting, Huber, Pepperkok, Poustka, Wiemann: "The LIFEdb database in 2006." in: **Nucleic acids research**, Vol. 34, Issue Database issue, pp. D415-8, (2005) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-DDT Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Liver