

Datasheet for ABIN2775262

anti-DNA Helicase B antibody (N-Term)



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Overview

Quantity:	100 µL
Target:	DNA Helicase B (HELB)
Binding Specificity:	N-Term
Reactivity:	Human, Pig, Cow, Guinea Pig, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNA Helicase B 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 HELB
Sequence:	FGRFPITGAW WRVKVQVKPV VGSRSYQYQV QGFPSYFLQS DMSPPNQKHI
Predicted Reactivity:	Cow: 86%, Guinea Pig: 79%, Human: 100%, Pig: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against HELB. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	DNA Helicase B (HELB)
Alternative Name:	HELB (HELB Products)

Target Details

Background:	<p>The protein encoded by this gene is a DNA helicase. A dominant-negative mutant of this protein blocks chromosomal DNA replication and suggests that its function is required for S phase entry.</p> <p>Alias Symbols: hDHB</p> <p>Protein Interaction Partner: UBC, PMS1, POLA2, POLA1, RPA1,</p> <p>Protein Size: 1087</p>
Molecular Weight:	120 kDa
Gene ID:	92797
NCBI Accession:	NM_033647 , NP_387467
UniProt:	Q8NG08

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1087 AA
Restrictions:	For Research Use only

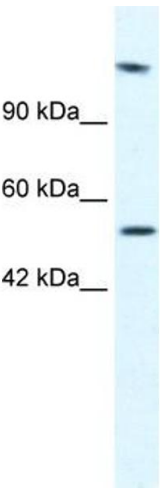
Handling

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
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: Lazrek, Goffard, Schanen, Karquel, Bocket, Lion, Devaux, Hedouin, Gosset, Hober: "Detection of hepatitis C virus antibodies and RNA among medicolegal autopsy cases in Northern France." in: **Diagnostic microbiology and infectious disease**, Vol. 55, Issue 1, pp. 55-8, (2006) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-HELB Antibody Titration: 2.5ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate