

Rabbit anti-Human, Mouse DNA Helicase B Polyclonal Antibody | anti-HELB antibody

Rabbit anti-DNA Helicase B Antibody, Affinity Purified

CATALOG # AAA212863	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

DNA Helicase B; Polyclonal Antibody; Rabbit anti-DNA Helicase B Antibody; Affinity Purified; hDHB; helicase (DNA) B; DHB; DNA helicase B; anti-HELB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-HELB antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1037 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse DNA Helicase B by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-DNA Helicase B antibody AAA212863 (lot AAA212863-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human DNA Helicase B by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-DNA Helicase B antibody AAA212863 (lot AAA212863-1) used for IP at 6 ug per reaction. DNA Helicase B was also immunoprecipitated by rabbit anti-DNA Helicase B antibody BL18166. For blotting immunoprecipitated DNA Helicase B, AAA212863 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-HELB antibody	DNA Helicase B unwinds duplex DNA with 5'-3' polarity. It has single-strand DNA-dependent ATPase and DNA helicase activities. DNA helicase B prefers ATP and dATP as substrates. During S phase, it may facilitate cellular recovery from replication stress [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q8NG08].
Product Categories/Family for anti-HELB antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	32455236
NCBI GeneID	92797
NCBI Accession #	NP_387467.2
NCBI GenBank Nucleotide #	NM_033647.3
UniProt Accession #	Q8NG08; Q4G0T2; Q9H7L5; A8K4C9
Molecular Weight	123,252 Da
NCBI Official Full Name	DNA helicase B
NCBI Official Synonym Full Names	helicase (DNA) B
NCBI Official Symbol	HELB
NCBI Official Synonym Symbols	hDHB
NCBI Protein Information	DNA helicase B
UniProt Protein Name	DNA helicase B
UniProt Gene Name	HELB
UniProt Synonym Gene Names	hDHB
UniProt Entry Name	HELB_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dna-helicase-b-antibody-immunoprecipitation-western-blot-elisa/212863>