antibodies - online.com







anti-DNA Helicase B antibody



\sim					
()	VE	۲۱	/1	\triangle	Λ

Quantity:	100 μg
Target:	DNA Helicase B (HELB)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNA Helicase B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	helicase(DNA) B
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	DNA Helicase B (HELB)
Alternative Name:	HELB (HELB Products)
Background:	Synonyms: Background:5'-3' DNA helicase involved in DNA damage response by acting as an inhibitor of DNA end resection(PubMed:25617833, PubMed:26774285). Recruitment to single-stranded DNA(ssDNA) following DNA damage leads to inhibit the nucleases catalyzing resection, such as EXO1, BLM and DNA2, possibly via the 5'-3' ssDNA translocase activity of

Target Details

HELB(PubMed:26774285). As cells approach S phase, DNA end resection is promoted by the nuclear export of HELB following phosphorylation(PubMed:26774285). Acts independently of TP53BP1(PubMed:26774285). Unwinds duplex DNA with 5'-3' polarity. Has single-strand DNA-dependent ATPase and DNA helicase activities. Prefers ATP and dATP as substrates(PubMed:12181327). During S phase, may facilitate cellular recovery from replication stress(PubMed:22194613).

Molecular Weight:	120-140 kDa
Gene ID:	391723
UniProt:	08NG08

Application Details

Application Notes:	WB: 1:500-1:2000, IF: 1:20-1:200

For Research Use only

Handling

Restrictions:

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months