

anti- ZRANB3 antibody

Product Information

Catalog No.:	FNab09756
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

DNA annealing helicase and endonuclease required to maintain genome stability at stalled or collapsed replication forks by facilitating fork restart and limiting inappropriate recombination that could occur during template switching events. Recruited to the sites of stalled DNA replication by polyubiquitinated PCNA and acts as a structure-specific endonuclease that cleaves the replication fork D-loop intermediate, generating an accessible 3'-OH group in the template of the leading strand, which is amenable to extension by DNA polymerase. In addition to endonuclease activity, also catalyzes the fork regression via annealing helicase activity in order to prevent disintegration of the replication fork and the formation of double-strand breaks.

Immunogen information

Immunogen:	zinc finger, RAN-binding domain containing 3
Synonyms:	DNA annealing helicase and endonuclease ZRANB3, Annealing helicase 2, AH2
Observed MW:	123 kDa, observed 150 kDa and 50 kDa
UniprotID :	Q5FWF4

Application

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Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China (430206)

Tel : (0086)027-87384275

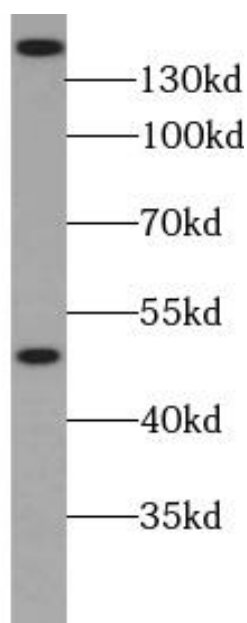
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Reactivity: Human

Tested Application: ELISA, WB

Recommended dilution: WB: 1:200-1:2000; IF: 1:20-1:200

Image:



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab09756(ZRANB3 Antibody) at dilution of 1:600

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