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Datasheet for ABIN7150120
anti-ZRANB3 antibody (AA 370-624)

1 Image

Overview

Quantity:	100 µg
Target:	ZRANB3
Binding Specificity:	AA 370-624
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZRANB3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human DNA annealing helicase and endonuclease ZRANB3 protein (370-624AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ZRANB3
Alternative Name:	ZRANB3 (ZRANB3 Products)
Background:	Background: DNA annealing helicase and endonuclease required to maintain genome stability at stalled or collapsed replication forks by facilitating fork restart and limiting inappropriate

Target Details

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.

Aliases: 4933425L19Rik antibody, AH2 antibody, Annealing helicase 2 antibody, DNA annealing helicase and endonuclease ZRANB3 antibody, MGC105033 antibody, MGC75012 antibody, OTTHUMP00000197449 antibody, Zinc finger Ran-binding domain-containing protein 3 antibody, Zinc finger, RAN-binding domain containing 3 antibody, ZRAB3_HUMAN antibody, Zranb3 antibody

UniProt: [Q5FWF4](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

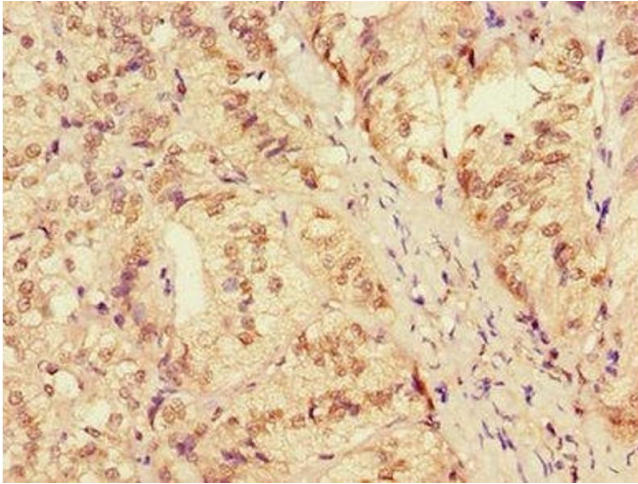
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human adrenal gland tissue using ABIN7150120 at dilution of 1:100