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Datasheet for ABIN7150991
anti-RNF4 antibody (AA 471-724)

1 Image

Overview

Quantity:	100 µg
Target:	RNF4
Binding Specificity:	AA 471-724
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNF4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human E3 ubiquitin-protein ligase BRE1B protein (471-724AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	RNF4
Alternative Name:	RNF4 (RNF4 Products)
Background:	Background: Component of the RNF20/40 E3 ubiquitin-protein ligase complex that mediates monoubiquitination of '\Lys-120\' of histone H2B (H2BK120ub1). H2BK120ub1 gives a specific

Target Details

tag for epigenetic transcriptional activation and is also prerequisite for histone H3 'Lys-4' and 'Lys-79' methylation (H3K4me and H3K79me, respectively). It thereby plays a central role in histone code and gene regulation. The RNF20/40 complex forms a H2B ubiquitin ligase complex in cooperation with the E2 enzyme UBE2A or UBE2B, reports about the cooperation with UBE2E1/UBCH are contradictory. Required for transcriptional activation of Hox genes.

Aliases: 95 kDa retinoblastoma associated protein antibody, 95 kDa retinoblastoma protein binding protein antibody, 95 kDa retinoblastoma-associated protein antibody, BRE 1B antibody, BRE1 B antibody, BRE1 E3 ubiquitin ligase homolog B antibody, BRE1-B antibody, BRE1B antibody, BRE1B_HUMAN antibody, DKFZp686K191 antibody, E3 ubiquitin protein ligase BRE1B antibody, E3 ubiquitin-protein ligase BRE1B antibody, KIAA0661 antibody, MGC13051 antibody, Rb associated protein antibody, RBP 95 antibody, RBP95 antibody, RING finger protein 40 antibody, Ring finger protein 40 E3 ubiquitin protein ligase antibody, RNF 40 antibody, Rnf40 antibody, STARING antibody

UniProt: [O75150](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

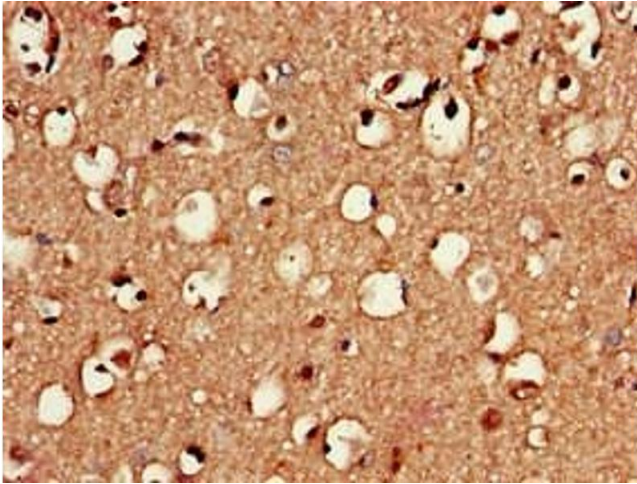
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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 brain tissue using ABIN7150991 at dilution of 1:100