Datasheet for ABIN7168168

anti-RIOX2 antibody (AA 1-300)

2 Images

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Overview

Quantity:	100 µg
Target:	RIOX2
Binding Specificity:	AA 1-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RIOX2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Ribosomal oxygenase 2 protein (1-300AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	RIOX2
Alternative Name:	RIOX2 (RIOX2 Products)
Background:	Background: Oxygenase that can act as both a histone lysine demethylase and a ribosomal histidine hydroxylase. Is involved in the demethylation of trimethylated \\\'Lys-9\\\' on histone

Target Details

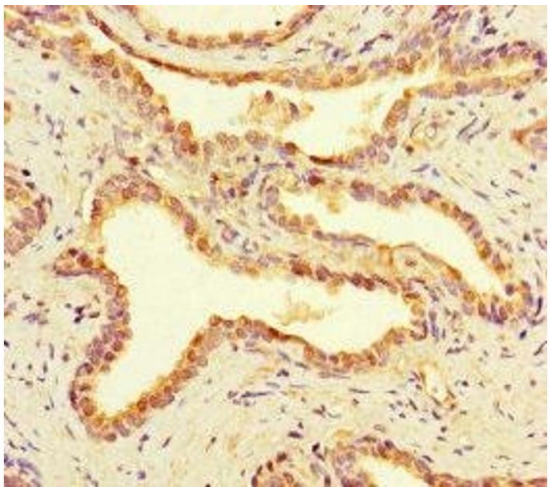
	H3 (H3K9me3), leading to an increase in ribosomal RNA expression. Also catalyzes the hydroxylation of 60S ribosomal protein L27a on \\\'His-39\\\'. May play an important role in cell growth and survival. May be involved in ribosome biogenesis, most likely during the assembly process of pre-ribosomal particles. Aliases: 60S ribosomal protein L27a histidine hydroxylase antibody, Bifunctional lysine specific demethylase and histidyl hydroxylase MINA antibody, FLJ14393 antibody, Histone lysine demethylase MINA antibody, MDIG antibody, MINA antibody, MINA_HUMAN antibody, Mineral dust-induced gene protein antibody, Myc induced nuclear antigen 53 kDa antibody, MYC induced nuclear antigen antibody, MYC-induced nuclear antigen antibody, NO52 antibody, Nucleolar protein 52 antibody, Ribosomal oxygenase MINA antibody, ROX antibody
UniProt:	Q8IUF8

Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only

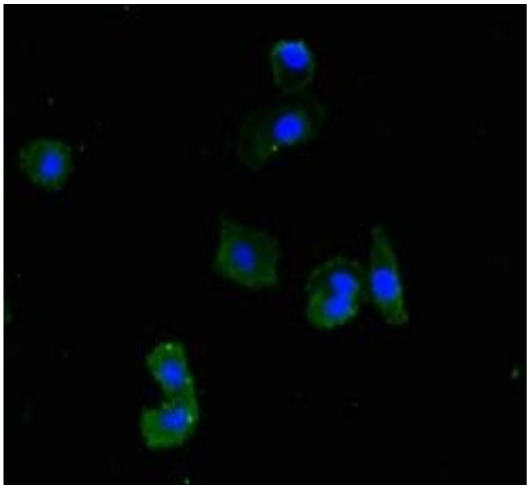
Handling

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 prostate cancer using ABIN7168168 at dilution of 1:100



Immunofluorescence

Image 2. Immunofluorescent analysis of HepG2 cells using ABIN7168168 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)

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