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Datasheet for ABIN7168168
anti-RIOX2 antibody (AA 1-300)

2 Images

Overview

Quantity:	100 µg
Target:	RIOX2
Binding Specificity:	AA 1-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
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 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

Target Details

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

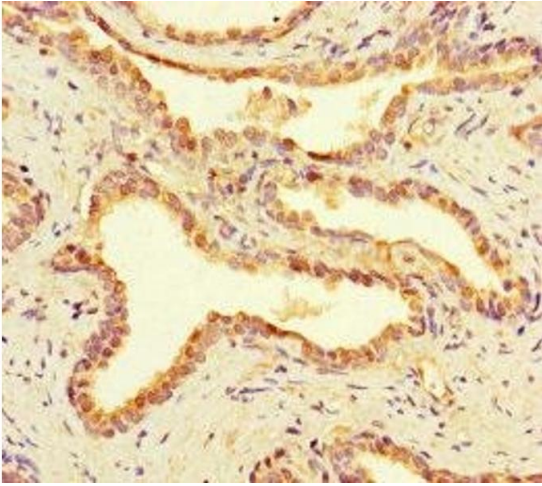
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

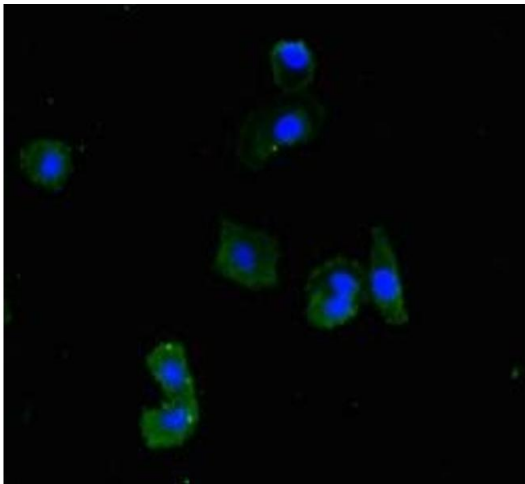
Storage: -20 °C,-80 °C

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-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)