

## RIOX2 Antibody

Catalog No: #47191

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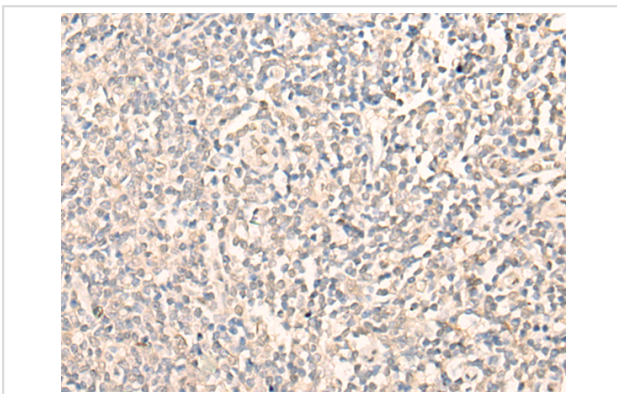
## Description

Product Name	RIOX2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB, IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total RIOX2 protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human RIOX2
Target Name	RIOX2
Other Names	ROX; MDIG; MINA; NO52; JMJD10; MINA53
Accession No.	Swiss-Prot#:Q8IUF8NCBI Gene ID:84864Gene Accssion:BC014928
Uniprot	Q8IUF8
GeneID	84864;
Calculated MW	53 kDa
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20C

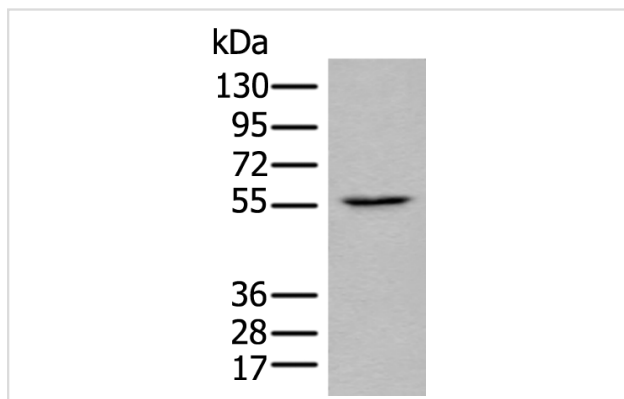
## Application Details

Western blotting:1:200-1000Immunofluorescence:1: 25-100

## Images



The image is immunohistochemistry of paraffin-embedded Human tonsil tissue using 47191(RIOX2 Antibody) at dilution 1/20. (Original magnification: ?00)



Gel: 8%SDS-PAGE  
Lysate: 40 µg, Lane: Jurkat cell lysate  
Primary antibody:RIOX2 Antibody at dilution 1/250  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 45 seconds

## 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 growth and survival. May be involved in ribosome biogenesis, most likely during the assembly process of pre-ribosomal particles.

Note: This product is for in vitro research use only