

## MINA53 Rabbit mAb

Catalog No: #49519

Package Size: #49519-1 50ul #49519-2 100ul

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## Description

Product Name	MINA53 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JA11-63
Purification	ProA affinity purified
Applications	WB, ICC/IF
Species Reactivity	Hu, Ms
Immunogen Description	recombinant protein
Other Names	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
Accession No.	Swiss-Prot#:Q8IUF8
Uniprot	Q8IUF8
GeneID	84864;
Calculated MW	53 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

## Application Details

WB: 1:500-1:2,000 ICC: 1:50-1:200

## 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.

## References

Note: This product is for in vitro research use only