

## Anti-RIOX2 Antibody (3Z726)

## Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	3Z726
Purification:	Affinity-chromatography

## Applications

Application:	ELISA
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## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	A synthetic peptide: Human RIOX2
Antigen Species:	Human
Gene ID:	84864
Uniprot ID:	Q8IUFB
Synonyms:	Myc induced nuclear antigen 53 kDa;MDIG;NO52;Nucleolar protein 52;ROX;Ribosomal oxygenase MINA;FLJ14393;MYC induced nuclear antigen;Bifunctional lysine specific demethylase and histidyl hydroxylase MINA;MINA;Mineral dust-induced gene protein;60S ribosomal protein L27a histidine hydroxylase;Histone lysine demethylase MINA
Biology Area:	Epigenetics and Nuclear Signaling

## Research 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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