

RACO0147

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## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Human

**Isotype:**

Rabbit IgG

**Applications:**

ELISA

**Recommended dilutions:**

**Protein 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.

**Gene ID:**

RIOX2

**Uniprot**

Q8IUJ8

**Synonyms:**

Ribosomal oxygenase 2, 60S ribosomal protein L27a histidine hydroxylase, Bifunctional lysine-specific demethylase and histidyl-hydroxylase MINA, Histone lysine demethylase MINA, MYC-induced nuclear antigen, Mineral dust-induced gene protein, Nucleolar protein 52, Ribosomal oxygenase MINA, ROX, RIOX2

**Immunogen:**

A synthesized peptide derived from human RIOX2.

**Storage:**

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

## Product Images

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N/A

N/A