M30085

Mina53 Antibody

☐ 50ul
☐ 100 uL

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Description:

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.

Uniprot:

Q8IUF8

Alternative Names:

60S ribosomal protein L27a histidine hydroxylase; Bifunctional lysine specific demethylase and histidyl hydroxylase MINA; FLJ14393; Histone lysine demethylase MINA; MDIG; MINA; MINA_HUMAN; Mineral dust-induced gene protein; Myc induced nuclear antigen 53 kDa; MYC induced nuclear antigen; MYC-induced nuclear antigen; NO52; Nucleolar protein 52; Ribosomal oxygenase MINA; ROX;

Reactivity:

Human, Mouse, Rat

Source:

Mouse

Mol Weight:

53KD

Storage Condition:

Store at -20 °C. Stable for 12 months from date of receipt.

Application:

WB 1:500-1:2000, IHC 1:50-1:200; IP 1:50-1:100