C14orf169/NO66 Rabbit pAb

db753 **Package : 20μL 50μL 100μL**

Product Name : C14orf169/NO66 Rabbit pAb
Cat.No.: db753
Synonyms : ROX; NO66; JMJD9; MAPJD; URLC2; hsNO66; C14orf169
Application : WB, IP
Reactivity : Human, Mouse, Rat
Host species : Rabbit

Background	Oxygenase that can act as both a histone lysine demethylase and a ribosomal histidine hydroxylase. Specifically demethylates 'Lys-4' (H3K4me) and 'Lys-36' (H3K36me) of histone H3, thereby playing a central role in histone code. Preferentially demethylates trimethylated H3 'Lys-4' (H3K4me3) and monomethylated H3 'Lys-4' (H3K4me1) residues, while it has weaker activity for dimethylated H3 'Lys-36' (H3K36me2). Also catalyzes the hydroxylation of 60S ribosomal protein L8 on 'His-216'. Acts as a regulator of osteoblast differentiation via its interaction with SP7/OSX by demethylating H3K4me and H3K36me, thereby inhibiting SP7/OSX-mediated promoter activation (By similarity). May also play a role in ribosome biogenesis and in the replication or remodeling of certain heterochromatic region. Participates in MYC-induced transcriptional activation.
Immunogen	Recombinant protein of human C14orf169/NO66
Gene ID	79697
Swiss Prot	Q9H6W3
Synonyms	ROX; NO66; JMJD9; MAPJD; URLC2; hsNO66; C14orf169
Reactivity	Human, Mouse, Rat
Application	WB, IP
Recommended dilution	WB: 1:1000 IP: 1:20
Calculated MW	71 kDa
Observed MW	71 kDa
Host species	Rabbit
Clonality	Polyclonal
Isotype	IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.