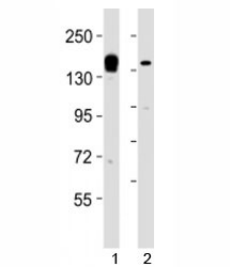
KDM6A Antibody (F53253)

Catalog No.	Formulation	Size
F53253-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F53253-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	O15550
Applications	1:2000
Limitations	This KDM6A antibody is available for research use only.



Western blot testing of KDM6A antibody at 1:2000 dilution. Lane 1: human liver lysate; 2: HeLa lysate; Predicted molecular weight ~ 154 kDa.

Description

Histone demethylase that specifically demethylates 'Lys- 27' of histone H3, thereby playing a central role in histone code. Demethylates trimethylated and dimethylated but not monomethylated H3 'Lys-27'. Plays a central role in regulation of posterior development, by regulating HOX gene expression. Demethylation of 'Lys-27' of histone H3 is concomitant with methylation of 'Lys-4' of histone H3, and regulates the recruitment of the PRC1 complex and monoubiquitination of histone H2A.

Application Notes

Titration of the KDM6A antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This KDM6A antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 797-832 amino acids from the Central region of human KDM6A.

Storage

Aliquot the KDM6A antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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