

KDM4C (Phospho-Ser918) Antibody

Catalog No: #SAB519P

Package Size: #SAB519P-1 50ul #SAB519P-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	KDM4C (Phospho-Ser918) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	Custom antibody
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	KDM4C
Other Names	Gene amplified in squamous cell carcinoma 1 protein, GASC-1 protein, JmJc domain-containing histone demethylation protein 3C, Jumonji domain-containing protein 2C
Accession No.	uniprot:Q9H3R0
Calculated MW	120kDa
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 139% glycerol.
Storage	Store at -20oΩ'±oΩ'½C for long term preservation (recommended). Store at 4oΩ'±oΩ'½C for short term use.

Application Details

Western blotting: 1:500~1:1000

Background

Histone demethylase that specifically demethylates 'Lys-9' and 'Lys-36' residues of histone H3, thereby playing a central role in histone code. Does not demethylate histone H3 'Lys-4', H3 'Lys-27' nor H4 'Lys-20'. Demethylates trimethylated H3 'Lys-9' and H3 'Lys-36' residue, while it has no activity on mono- and dimethylated residues. Demethylation of Lys residue generates formaldehyde and succinate.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.