

Datasheet for ABIN6952407 **anti-KDM5C antibody**



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Overview

Quantity:	100 µL
Target:	KDM5C
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KDM5C antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Chromatin Immunoprecipitation (ChIP), ChIP DNA-Sequencing (ChIP-seq)

Product Details

Immunogen:	synthetic peptide
Specificity:	Polyclonal antibody raised in rabbit against human JARID1C (Jumonji, AT Rich Interactive Domain 1C), using a synthetic peptide containing a sequence from the central part of the protein
Cross-Reactivity:	Mouse (Murine)
Purification:	Affinity purified

Target Details

Target:	KDM5C
Alternative Name:	JARID1C (KDM5C Products)
Background:	JARID1C (UniProtKB/Swiss-Prot entry P41229) is a histone demethylase that specifically

Target Details

demethylates tri- and dimethylated Lys-4 of histone H3. It has no activity towards monomethylated H3K4, H3K9, H3K27, H3K36, H3K79 or H4K20. It is involved in transcriptional regulation and chromatin remodeling. JARID1C participates in transcriptional repression of neuronal genes by recruiting histone deacetylases and REST at neuron-restrictive silencer elements. Mutations in JARID1C have been associated with X-linked mental retardation

UniProt: [P41229](#)

Pathways: [Warburg Effect](#)

Application Details

Application Notes: ChIP/ChIP-seq 5 µg:ChIP
WB 1:1,000
IP 6 µg:IP

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.2 µg/µL

Buffer: TBS, 0,1 % BSA, 0.05 % azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C