

## KDM5C antibody

### Product Information

Catalog No.:	FNab04513
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

Histone demethylase that specifically demethylates 'Lys-4' of histone H3, thereby playing a central role in histone code. Does not demethylate histone H3 'Lys-9', H3 'Lys-27', H3 'Lys-36', H3 'Lys-79' or H4 'Lys-20'. Demethylates trimethylated and dimethylated but not monomethylated H3 'Lys-4'. Participates in transcriptional repression of neuronal genes by recruiting histone deacetylases and REST at neuron-restrictive silencer elements. Represses the CLOCK-ARNTL/BMAL1 heterodimer-mediated transcriptional activation of the core clock component PER2(By similarity).

### Immunogen information

Immunogen:	lysine(K)-specific demethylase 5C
Synonyms:	Lysine-specific demethylase 5C Histone demethylase JARID1C Jumonji/ARID domain-containing protein 1C Protein SmcX Protein Xe169 [histone H3]-trimethyl-L-lysine(4) demethylase 5C KDM5C DXS1272E JARID1C SMCX XE169
Observed MW:	171-180 kDa
Uniprot ID :	P41229

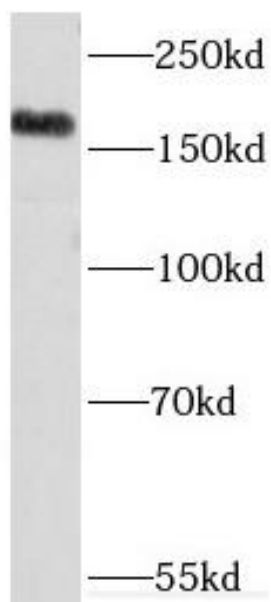
### Application

Reactivity:	Human, Mouse, Rat
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Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



HeLa cells were subjected to SDS PAGE followed by western blot with FNab04513(KDM5C antibody) at dilution of 1:500