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## Datasheet for ABIN7115965 **anti-KDM5C antibody**

### Overview

Quantity:	100 µg
Target:	KDM5C
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KDM5C antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

### Product Details

Immunogen:	lysine(K)-specific demethylase 5C
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	KDM5C
Alternative Name:	KDM5C ( <a href="#">KDM5C Products</a> )
Background:	Synonyms:DXS1272E, JARID1C, SMCX, XE169 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

## Target Details

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).

Molecular Weight: 171-180 kDa

Gene ID: 8242

UniProt: [P41229](#)

Pathways: [Warburg Effect](#)

## Application Details

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months