JMJD2c Antibody

ALTERNATE NAMES: JHDM3c, KDM4c, GASC1

CATALOG #: 6853-50

AMOUNT: 50 µl

HOST/ISOTYPE: Rabbit

IMMUNOGEN: Polyclonal antibody raised in rabbit against human JMJD2c (Jumonji Domain containing 2c), using a KLH-conjugated synthetic peptide containing an amino acid sequence from the central part of the protein.

FORM: Liquid

FORMULATION: In PBS with 0.05% (W/V) sodium azide.

PURIFICATION: Whole antiserum from rabbit

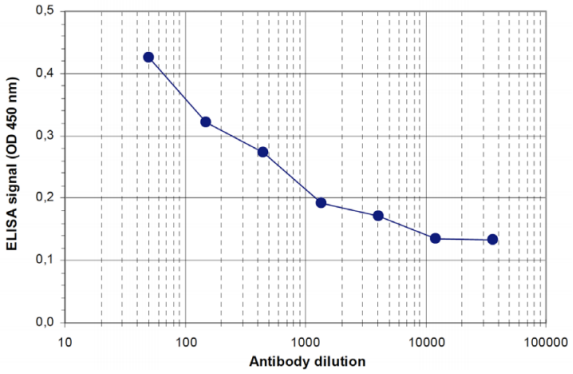
SPECIES REACTIVITY: Human

STORAGE CONDITIONS: Store at -20°C; for long storage, store at -80°C. Avoid multiple freeze-thaw cycles.

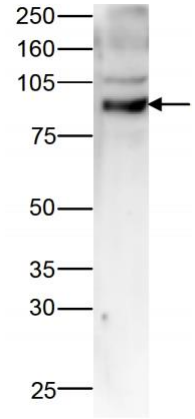
DESCRIPTION: JMJD2c belongs to the JMJD2 family of histone demethylases which play an important role in the establishment of the histone code. JMJD2c specifically demethylates the trimethylated K9 and K36 of histone H3. It is not able to demethylate K4, K27 and K36 of histone H3, K20 of histone H4, or the mono- and dimethylated H3K9 and H3K36.

APPLICATION: Western Blot: 1:1000, ELISA: 1:50.

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



To determine the titer, an ELISA was performed using a serial dilution of the antibody. The wells were coated with the peptide used for immunization of the rabbit. By plotting the absorbance against the antibody dilution, the titer of the antibody was estimated to be 1:2,000.



Nuclear extracts of HeLa cells were analyzed with the antibody diluted 1:1,000 in TBS-Tween containing 5% skimmed milk (Figure 2). The molecular weight marker (in kDa) is shown on the left; the location of the protein of interest is indicated on the right.

RELATED PRODUCTS:

- JMJD1A Antibody **(Cat. No. 3273-100)**
- JMJD1C Antibody **(Cat. No. 3439-100)**
- JMJD2A Polyclonal Antibody **(Cat. No. 6108-50)**
- JMJD2A Antibody **(Cat. No. 6851-25)**
- JMJD2B Antibody **(Cat. No. 6852-50)**
- JMJD6 Antibody **(Cat. No. 6109-100)**
- JMJD2A (888-1023 aa), Human recombinant **(Cat. No. 7678-20, -50)**
- JMJD6 (2-403 aa), Human recombinant **(Cat. No. 7679-20, -50)**

FOR RESEARCH USE ONLY! Not to be used on humans.