

## Product datasheet for **TA347228**

### KDM4C Rabbit Polyclonal Antibody

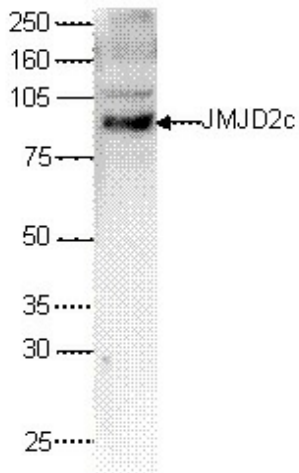
#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	ELISA (1:50) ; Western blotting (1:1,000)
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-JMJD2c antibody: human JMJD2c (Jumonji Domain containing 2c), using a KLH-conjugated synthetic peptide containing an amino acid sequence from the central part of the protein.
Concentration:	lot specific
Purification:	Whole antiserum from rabbit containing 0.05% azide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	lysine demethylase 4C
Database Link:	<a href="#">NP_001140166</a> <a href="#">Entrez Gene 23081 Human</a> <a href="#">Q9H3R0</a>
Background:	JMJD2c (UniProtKB/Swiss-Prot entry Q9H3R0), 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.
Synonyms:	bA146B14.1; GASC1; JHDM3C; JMJD2C; TDRD14C
Protein Families:	Druggable Genome, Transcription Factors

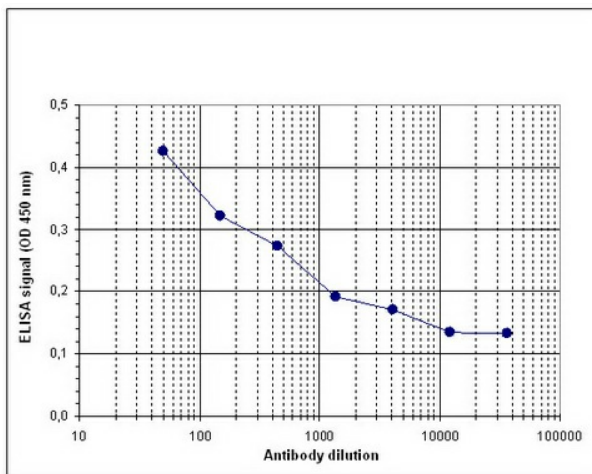


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Product images:



WB using the antibody against JMJD2c diluted 1:1,000 in TBS-Tween containing 5% skimmed milk. The position of the protein of interest (expected size: 120 kDa) is indicated on the right; the marker (in kDa) is shown on the left. The smaller fragment of approximately 92 kDa may represent a splicing variant.



Determination of the titer To determine the titer, an ELISA was performed using a serial dilution of the antibody against human JMJD2c. The wells were coated with the peptide used for immunisation of the rabbit. By plotting the absorbance against the antibody dilution (Figure 1), the titer of the antibody was estimated to be 1:2,000.