

Product datasheet for TA359871

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KDM4B Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the middle region of human KDM4B

Specificity: Expected reactivity: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification:Affinity purifiedConjugation:Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 122 kDa

Gene Name: lysine demethylase 4B

Database Link: NP 055830.1

Entrez Gene 23030 Human

O94953

Background: Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a

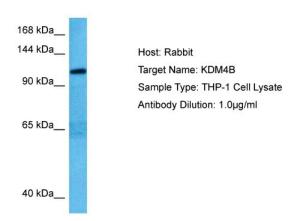
role in histone code. Does not demethylate histone H3 'Lys-4', H3 'Lys-27', H3 'Lys-36' nor H4 'Lys-20'. Only able to demethylate trimethylated H3 'Lys-9', with a weaker activity than KDM4A, KDM4C and KDM4D. Demethylation of Lys residue generates formaldehyde and succinate.

Synonyms: FLJ44906; JHDM3B; JMJD2B; KIAA0876





Product images:



Host: Rabbit

Target Name: KDM4B

Sample Tissue: Human THP-1 Whole Cell lysates

Antibody Dilution: 1ug/ml