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11-8060: Polyclonal Antibody to JMJD5

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	KDM8
Gene ID :	79831
Uniprot ID :	Q8N371
Format :	Purified
Alternative Name :	KDM8,JMJD5
Isotype :	Rabbit IgG
Immunogen Information :	A partial length recombinant JMJD5 protein (amino acids 20-220) was used as the immunogen for this antibody.

Description

JMJD5 (Jumonji domain-containing protein 5) or commonly called as Lysine-specific demethylase 8 is a histone lysine demethylase that specifically demethylates dimethylated Lys 36 of histone H3 (H3K36me2) thereby activating the target gene. JMJD5 is important for G2/M phase cell cycle progression. JMJD5 is also a potential tumor suppression protein. JMJD5 helps in regulation of cancer proliferation by regulating cyclin-A1. JMJD5 has three isoforms (47, 24, 50 kDa), all localized in nucleus. JMJD5 is weakly expressed in most normal cells but highly expressed in breast cancer cells.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 2-4 Ã‚µg/ml

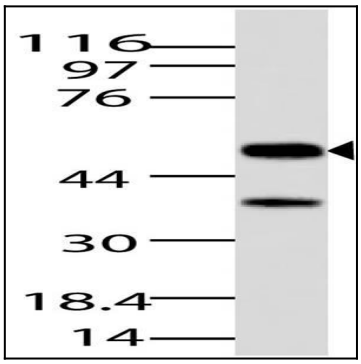


Fig-1: Western blot analysis of JMJD5. Anti-JMJD5 antibody (11-8060) was used at 4 µg/ml on Brain lysate.

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