antibodies -online.com





anti-JMJD5 antibody (Middle Region)





Go to Product page

\sim		
1 11 11	V 1	1014
1 1///	۱/ ۱۲	$1 \leftarrow 1 \land 1$

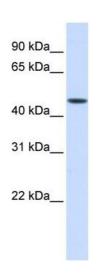
OVEIVIEW	
Quantity:	100 μL
Target:	JMJD5
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Zebrafish (Danio rerio), Dog, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This JMJD5 antibody is un-conjugated
Application:	Western Blotting (WB), Chromatin Immunoprecipitation (ChIP)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human JMJD5
Sequence:	KYRPIQTPSV CSDSLESPDE DMGSDSDVTT ESGSSPSHSP EERQDPGSAP
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 92%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against JMJD5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	JMJD5

Target Details

Alternative Name:	JMJD5 (JMJD5 Products)	
Background:	JMJD5 is a histone lysine demethylase. Studies of a similar protein in mouse indicate a potential role for this protein as a tumor suppressor. JMJD5 is a putative histone lysine demethylase that contains a Jumonji C (JmjC) domain (Shi, 2007 [PubMed 17909537]). [supplied by OMIM]. Alias Symbols: FLJ13798, JMJD5 Protein Interaction Partner: PCYT2, Protein Size: 416	
Molecular Weight:	47 kDa	
Gene ID:	79831	
NCBI Accession:	NM_024773, NP_079049	
UniProt:	Q8N371	
Pathways:	Chromatin Binding	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 416 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freeze-thaw cycles.	
Storage:	-20 °C	
Storage Comment:	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.

Images



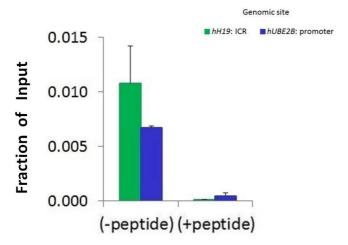
Western Blotting

Image 1. WB Suggested Anti-JMJD5 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: Human Liver



Chromatin Immunoprecipitation

Image 2. Chromatin Immunoprecipitation (ChIP) Using JMJD5 Antibody - middle region (ARP58120_P050) and HCT116 Cells