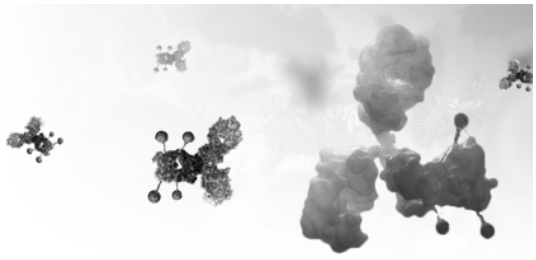

KDM4A blocking peptide (CDBP5615)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene is a member of the Jumonji domain 2 (JMJD2) family and encodes a protein containing a JmjN domain, a JmjC domain, a JD2H domain, two TUDOR domains, and two PHD-type zinc fingers. This nuclear protein functions as a trimethylation-specific demethylase, converting specific trimethylated histone residues to the dimethylated form, and as a transcriptional repressor. [provided by RefSeq, Apr 2009]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	KDM4A lysine (K)-specific demethylase 4A [Homo sapiens (human)]
Official Symbol	KDM4A
Synonyms	KDM4A; lysine (K)-specific demethylase 4A; JMJD2; JHDM3A; JMJD2A; TDRD14A; lysine-specific demethylase 4A; jumonji domain containing 2; tudor domain containing 14A; jumonji domain containing 2A; jumonji domain-containing protein 2A; jumonji C domain-containing histone demethylase 3A; jmjC domain-containing histone demethylation protein 3A

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Entrez Gene ID	9682
mRNA Refseq	NM_014663
Protein Refseq	NP_055478
UniProt ID	O75164
Pathway	Chromatin modifying enzymes; Chromatin organization; HDMs demethylate histones
Function	histone demethylase activity (H3-K36 specific); methylated histone binding; protein binding; ubiquitin protein ligase binding; zinc ion binding

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221