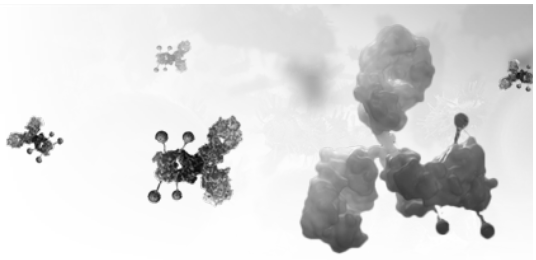

KDM1A blocking peptide (CDBP5702)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a nuclear protein containing a SWIRM domain, a FAD-binding motif, and an amine oxidase domain. This protein is a component of several histone deacetylase complexes, though it silences genes by functioning as a histone demethylase. Alternative splicing results in multiple transcript variants. [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	KDM1A lysine (K)-specific demethylase 1A [Homo sapiens (human)]
Official Symbol	KDM1A
Synonyms	KDM1A; lysine (K)-specific demethylase 1A; AOF2; KDM1; LSD1; BHC110; lysine-specific histone demethylase 1A; lysine (K)-specific demethylase 1; BRAF35-HDAC complex protein BHC110; lysine-specific histone demethylase 1; amine oxidase (flavin containing) domain 2; FAD-binding protein BRAF35-HDAC complex, 110 kDa subunit; flavin-containing amine oxidase domain-containing protein 2

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Entrez Gene ID	23028
mRNA Refseq	NM_001009999
Protein Refseq	NP_001009999
UniProt ID	O60341
Pathway	Androgen receptor signaling pathway; Chromatin modifying enzymes; Chromatin organization; Coregulation of Androgen receptor activity; Factors involved in megakaryocyte development and platelet production; HDACs deacetylate histones; HDMs demethylate histones; Hemostasis
Function	MRF binding; RNA polymerase II transcription factor binding; androgen receptor binding; chromatin binding; demethylase activity; enzyme binding; flavin adenine dinucleotide binding; histone demethylase activity; histone demethylase activity (H3-K4 specific); histone demethylase activity (H3-K9 specific); histone demethylase activity (H3-dimethyl-K4 specific); ligand-dependent nuclear receptor transcription coactivator activity; oxidoreductase activity; p53 binding; protein binding; sequence-specific DNA binding transcription factor activity; transcription factor binding; transcription regulatory region DNA binding

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