



Anti-KDM1A (aa 753-851) polyclonal antibody (DPAB-DC1034)

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.
Immunogen	AOF2 (NP_055828, 753 a.a. ~ 851 a.a) partial recombinant protein with GST tag. The sequence is ADPWARGSYSYVAAGSSGNDYDLMAQPITPGPSIPGAPQPIPRLFFAGEHTIRNYPATVH GALLSGLREAGRIADQFLGAMYTLPRQATPGVPAQQSPS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	KDM1A lysine (K)-specific demethylase 1A [Homo sapiens (human)]
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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;
Entrez Gene ID	23028
Protein Refseq	NP_001009999
UniProt ID	O60341
Chromosome Location	1p36.12
Pathway	Androgen receptor signaling pathway; Factors involved in megakaryocyte development and platelet production; Notch signaling pathway;
Function	MRF binding; RNA polymerase II transcription factor binding; androgen receptor binding; chromatin binding
