

KDM4A Conjugated Antibody

Catalog No: #C37671



Package Size: #C37671-AF350 100ul #C37671-AF405 100ul #C37671-AF488 100ul
 #C37671-AF555 100ul #C37671-AF594 100ul #C37671-AF647 100ul
 #C37671-AF680 100ul #C37671-AF750 100ul #C37671-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	KDM4A Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total KDM4A protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human lysine (K)-specific demethylase 4A
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	JMJD2; JHDM3A; JMJD2A; TDRD14A
Accession No.	Swiss-Prot#:O75164NCBI Gene ID:9682NCBI mRNA#:NCBI Protein#:NP_005447
Uniprot	O75164
GeneID	9682;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	121
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250
 AF405 conjugated: most applications: 1: 50 - 1: 250
 AF488 conjugated: most applications: 1: 50 - 1: 250
 AF555 conjugated: most applications: 1: 50 - 1: 250
 AF594 conjugated: most applications: 1: 50 - 1: 250
 AF647 conjugated: most applications: 1: 50 - 1: 250
 AF680 conjugated: most applications: 1: 50 - 1: 250
 AF750 conjugated: most applications: 1: 50 - 1: 250

Background

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.?

Note: This product is for in vitro research use only