

KDM6B Conjugated Antibody

Catalog No: #C43401



Package Size: #C43401-AF350 100ul #C43401-AF405 100ul #C43401-AF488 100ul
 #C43401-AF555 100ul #C43401-AF594 100ul #C43401-AF647 100ul
 #C43401-AF680 100ul #C43401-AF750 100ul #C43401-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	KDM6B Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total KDM6B protein.
Immunogen Description	Synthetic peptide of human KDM6B
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	JMJD3
Accession No.	Swiss-Prot#:O15054NCBI Gene ID:23135NCBI mRNA#:NP_001073893NCBI Protein#:
Uniprot	O15054
GeneID	23135;
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	177KD
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

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

KDM6B (Lysine demethylase 6B) is a 1,679 amino acid nuclear protein that contains one JmjC domain and belongs to the highly conserved JmjC domain-containing protein family. Functioning as a histone demethylase, JMJD3 uses iron and ascorbate as cofactors to demethylate dimethylated and trimethylated Lys-27 residues of Histone H3, thereby playing an important role in the modification of the histone code.?

Note: This product is for in vitro research use only