

[Go to Product page](#)

Datasheet for ABIN7158717

anti-KDM6A antibody (AA 620-749) (Biotin)

Overview

Quantity:	100 µg
Target:	KDM6A
Binding Specificity:	AA 620-749
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KDM6A antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Lysine-specific demethylase 6A protein (620-749AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	KDM6A
Alternative Name:	KDM6A (KDM6A Products)
Background:	Background: Histone demethylase that specifically demethylates 'Lys-27' of histone H3, thereby playing a central role in histone code (PubMed:17851529, PubMed:17713478,

Target Details

PubMed:17761849). Demethylates trimethylated and dimethylated but not monomethylated H3 '\Lys-27\' (PubMed:17851529, PubMed:17713478, PubMed:17761849). Plays a central role in regulation of posterior development, by regulating HOX gene expression (PubMed:17851529). Demethylation of '\Lys-27\' of histone H3 is concomitant with methylation of '\Lys-4\' of histone H3, and regulates the recruitment of the PRC1 complex and monoubiquitination of histone H2A (PubMed:17761849).

Aliases: bA386N14.2 (ubiquitously transcribed X chromosome tetratricopeptide repeat protein (UTX) antibody, bA386N14.2 antibody, bA386N14.2 ubiquitously transcribed X chromosome tetratricopeptide repeat protein UTX antibody, DKFZp686A03225 antibody, Histone demethylase UTX antibody, KABUK2 antibody, Kdm6a antibody, KDM6A_HUMAN antibody, Lysine (K) specific demethylase 6A antibody, Lysine K specific demethylase 6A antibody, Lysine specific demethylase 6A ubiquitously transcribed tetratricopeptide repeat gene X chromosome antibody, Lysine-specific demethylase 6A antibody, MGC141941 antibody, Ubiquitously transcribed tetratricopeptide repeat X chromosome antibody, Ubiquitously transcribed tetratricopeptide repeat protein X linked antibody, Ubiquitously transcribed TPR gene on the X chromosome antibody, Ubiquitously transcribed TPR protein on the X chromosome antibody, Ubiquitously transcribed X chromosome tetratricopeptide repeat protein antibody, Ubiquitously-transcribed TPR protein on the X chromosome antibody, Ubiquitously-transcribed X chromosome tetratricopeptide repeat protein antibody, UTX antibody

UniProt: [O15550](#)

Pathways: [Tube Formation](#), [Warburg Effect](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.