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anti-KDM2A antibody

2 Images



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Overview

Quantity:	200 μL
Target:	KDM2A
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KDM2A antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of human KDM2A
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	KDM2A
Alternative Name:	KDM2A (KDM2A Products)
Background:	This gene encodes a member of the F-box protein family which is characterized by an
	approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four
	subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in
	phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws

Target Details

containing WD-40 domains, FbIs containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the FbIs class and, in addition to an F-box, contains at least six highly degenerated leucine-rich repeats. This family member plays a role in epigenetic silencing. It nucleates at CpG islands and specifically demethylates both mono- and di-methylated lysine-36 of histone H3. Alternative splicing results in multiple transcript variants.

UniProt: Q9Y2K7

Pathways: Warburg Effect

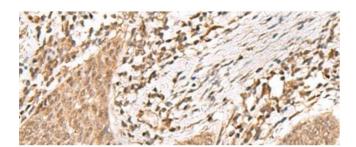
Application Details

Application Notes: IHC 1:50-1:300, ELISA 1:5000-1:10000

Restrictions: For Research Use only

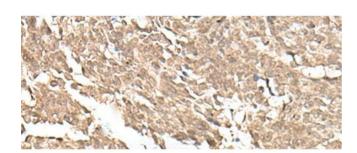
Handling

Format:	Liquid
Concentration:	1.62 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using KDM2A Polyclonal Antibody at dilution of 1:55(x200)



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human lung cancer tissue using KDM2A Polyclonal Antibody at dilution of 1:55(x200)