Datasheet for ABIN387896

anti-KDM2A antibody (AA 500-527)

3 Images

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Overview

Quantity:	400 µL
Target:	KDM2A
Binding Specificity:	AA 500-527
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KDM2A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This JHDM1a/FBXL11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 500-527 amino acids from the Central region of human JHDM1a/FBXL11.
Clone:	RB14392
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	KDM2A

Target Details

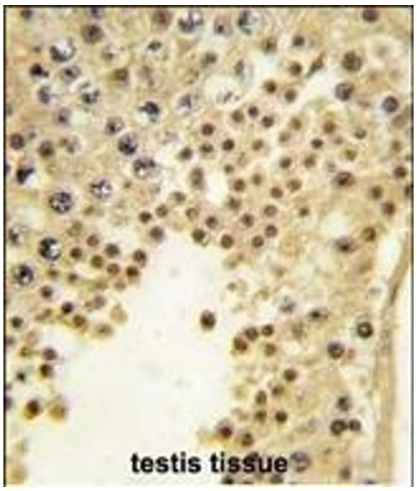
Alternative Name:	JHDM1a/FBXL11 (KDM2A Products)
Background:	JHDM1a/FBXL11 is a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box),which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls 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 Fbls class and, in addition to an F-box, contains at least 6 highly degenerated leucine-rich repeats.
Molecular Weight:	132793
Gene ID:	22992
NCBI Accession:	NP_001243334, NP_036440
UniProt:	Q9Y2K7
Pathways:	Warburg Effect

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

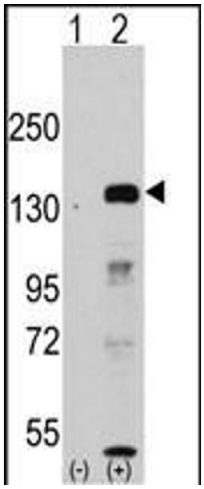
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



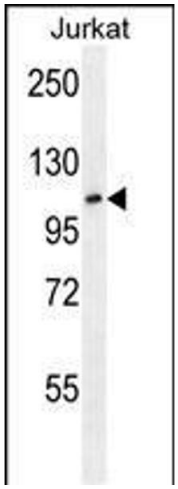
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human testis tissue reacted with JHDM1a/FBXL11 antibody (Center) (ABIN387896 and ABIN2844142) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of JHDM1a/FBXL11 (arrow) using rabbit polyclonal JHDM1a/FBXL11 Antibody (Center) (ABIN387896 and ABIN2844142). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the JHDM1a/FBXL11 gene (Lane 2) (Origene Technologies).



Western Blotting

Image 3. JHDM1a/FBXL11 Antibody (Center) (ABIN387896 and ABIN2844142) western blot analysis in Jurkat cell line lysates (35 µg/lane).This demonstrates the JHDM1a/FBXL11 antibody detected the JHDM1a/FBXL11 protein (arrow).