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Datasheet for ABIN1397612

## anti-KDM2A antibody (AA 741-840) (AbBy Fluor® 555)

### Overview

Quantity:	100 µL
Target:	KDM2A
Binding Specificity:	AA 741-840
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KDM2A antibody is conjugated to AbBy Fluor® 555
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FBXL11
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Cow, Sheep, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	KDM2A
Alternative Name:	FBXL11 ( <a href="#">KDM2A Products</a> )
Background:	Synonyms: [Histone-H3]-lysine-36 demethylase 1A, CXXC-type zinc finger protein 8, CXXC8, F

## Target Details

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box / LRR repeat protein 11, F box and leucine rich repeat protein 11, F box protein FBL7, F-box and leucine-rich repeat protein 11, F-box protein FBL7, F-box protein Lilina, F-box/LRR-repeat protein 11, FBL11, FBL7, FBXL11, JHDM1A, JmjC domain-containing histone demethylation protein 1A, kdm2a, KDM2A\_HUMAN, Lysine-specic demethylase 2A.

Background: F-box proteins are critical components of the SCF (Skp1-CUL-1-F-box protein) type E3 ubiquitin ligase complex and are involved in substrate recognition and protein recruitment. F-box proteins are members of a large family that regulate the cell cycle, immune response, signaling cascades and developmental programs by targeting proteins, such as cyclins, for degradation by the proteasome after ubiquitination. FBL11, also known as FBXL11 (F-box and leucine-rich repeat protein 11), CXXC8, KDM2A, JHDM1A (JmjC domain-containing histone demethylation protein 1A) or LILINA, is a 1,162 amino acid member of the F-box protein family that contains one F-box domain and localizes to the nucleus. Expressed ubiquitously with highest expression in testis, ovary and brain, FBL11 functions to demethylate the Lys-36 residue of histone H3, thereby modulating the histone code. Additionally, FBL11 is thought to promote the ubiquitination and subsequent degradation of various phosphorylated proteins. Three isoforms of FBL11 exist due to alternative splicing events.

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Gene ID: 22992

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Pathways: [Warburg Effect](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

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## Handling

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handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months