



[Go to Product page](#)

Datasheet for ABIN6978018

## anti-KDM1B antibody (AA 51-150) (AbBy Fluor® 488)

### Overview

Quantity:	100 µL
Target:	KDM1B
Binding Specificity:	AA 51-150
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KDM1B antibody is conjugated to AbBy Fluor® 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human LSD2 / AOF1
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	KDM1B
Alternative Name:	LSD2 / AOF1 ( <a href="#">KDM1B Products</a> )

## Target Details

---

**Background:** Synonyms: LSD2 / AOF1, KDM1B, amine oxidase (flavin containing) domain 1, amine oxidase, flavin containing 1, AOF1, bA204B7.3, C6orf193, dJ298J15.2, Flavin-containing amine oxidase domain-containing protein 1, FLJ33898, FLJ34109, FLJ43328, KDM1B, KDM1B\_HUMAN, LSD2, lysine (K)-specific demethylase 1B, Lysine-specific demethylase 2, Lysine-specific histone demethylase 1B, Lysine-specific histone demethylase 2.

**Background:** Histone demethylase that demethylates 'Lys-4' of histone H3, a specific tag for epigenetic transcriptional activation, thereby acting as a corepressor. Required for de novo DNA methylation of a subset of imprinted genes during oogenesis. Acts by oxidizing the substrate by FAD to generate the corresponding imine that is subsequently hydrolyzed. Demethylates both mono- and di-methylated 'Lys-4' of histone H3. Has no effect on tri-methylated 'Lys-4', mono-, di- or tri-methylated 'Lys-9', mono-, di- or tri-methylated 'Lys-27', mono-, di- or tri-methylated 'Lys-36' of histone H3, or on mono-, di- or tri-methylated 'Lys-20' of histone H4.

---

**Gene ID:** 221656

---

**UniProt:** [Q8NB78](#)

---

**Pathways:** [Warburg Effect](#)

## Application Details

---

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

---

**Restrictions:** For Research Use only

## Handling

---

**Format:** Liquid

---

**Concentration:** 1 µg/µL

---

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

---

**Preservative:** ProClin

---

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

---

**Storage:** -20 °C

---

## Handling

---

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

---

Expiry Date: 12 months