

A11960

Leader in Biomolecular Solutions for Life Science



## KDM3A Rabbit pAb

Catalog No.: A11960

2 Publications

### Basic Information

#### Observed MW

147kDa

#### Calculated MW

147kDa

#### Category

Polyclonal Antibody

#### Applications

WB, IHC-P, IF/ICC, ELISA

#### Cross-Reactivity

Human

### Background

Enables androgen receptor binding activity; histone H3-methyl-lysine-9 demethylase activity; and iron ion binding activity. Involved in several processes, including androgen receptor signaling pathway; formaldehyde biosynthetic process; and histone H3-K9 demethylation. Located in nucleoplasm. Implicated in cervical cancer and colon cancer. Biomarker of Ewing sarcoma; hepatocellular carcinoma; nasopharynx carcinoma; and prostate cancer.

### Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

### Immunogen Information

#### Gene ID

55818

#### Swiss Prot

Q9Y4C1

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 975-1283 of human KDM3A (NP\_060903.2).

#### Synonyms

TSGA; JMJD1; JHDM2A; JHMD2A; JMJD1A; KDM3A

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

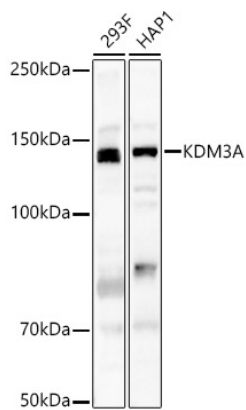
Affinity purification

#### Storage

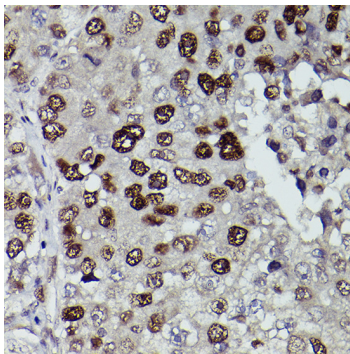
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

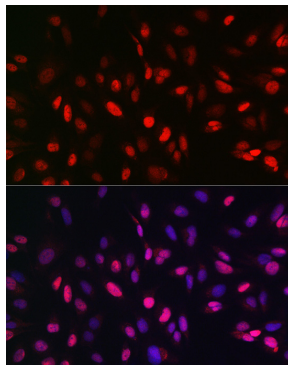
## Validation Data



Western blot analysis of various lysates, using KDM3A Rabbit pAb (A11960) at 1:500 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded human liver cancer using KDM3A Rabbit pAb (A11960) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of U2OS cells using KDM3A Rabbit pAb (A11960) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.