

Recombinant

DGRmAb®

KDM1A (DGR14386) Rabbit mAb

db12048

Package : 10µL 20µL 50µL 100µL

Product Name : KDM1A (DGR14386) Rabbit mAb**Cat.No.:** db12048**Synonyms** : AOF2; CPRF; KDM1; LSD1; BHC110**Application** : WB, IHC, ICC/IF, FC, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

This gene encodes a nuclear protein containing a SWIRM domain, a FAD-binding motif, and an amine oxidase domain. This protein is a component of several histone deacetylase complexes, though it silences genes by functioning as a histone demethylase. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2009]

Immunogen

A synthetic peptide of human KDM1/LSD1

Gene ID

23028

Swiss Prot

O60341

Synonyms

AOF2; CPRF; KDM1; LSD1; BHC110

Reactivity

Human, Mouse, Rat

Application

WB, IHC, ICC/IF, FC, IP

Recommended dilution

WB: 1:2000-1:10000

IHC: 1:50-1:200

ICC/IF: 1:100-1:200

FC: 1:20

IP: 1:20-1:50

Calculated MW

93 kDa

Observed MW

110 kDa

Host species

Rabbit

Clonality

Monoclonal

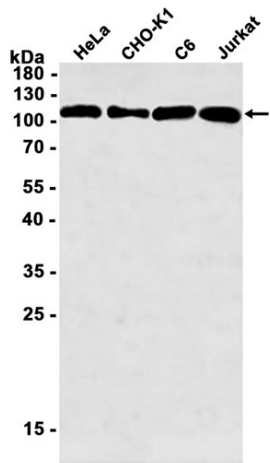
Clonality No.

DGR14386

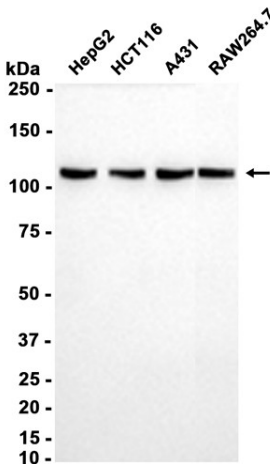
Isotype

IgG

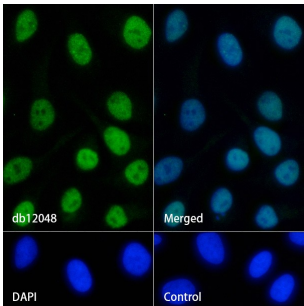
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa, CHO-K1, C6, Jurkat cells using db12048 at 1:500.



Western blot analysis of extracts from HepG2, HCT116, A431, RAW264.7 cells using db12048 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling KDM1A with db12048.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db12048 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.