

Datasheet for ABIN6243706
anti-Kdm6b antibody (AA 879-912)[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|--------------------------------------|
| Quantity: | 400 µL |
| Target: | Kdm6b |
| Binding Specificity: | AA 879-912 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Kdm6b antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|---------------|--|
| Immunogen: | This KDM6B antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 879-912 amino acids from the Central region of human KDM6B. |
| Clone: | RB51280 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

| | |
|-------------------|---|
| Target: | Kdm6b |
| Alternative Name: | KDM6B (Kdm6b Products) |
| Background: | Histone demethylase that specifically demethylates 'Lys- 27' of histone H3, thereby playing a |

Target Details

central role in histone code. Demethylates trimethylated and dimethylated H3 'Lys-27'. Plays a central role in regulation of posterior development, by regulating HOX gene expression. Involved in inflammatory response by participating in macrophage differentiation in case of inflammation by regulating gene expression and macrophage differentiation.

Molecular Weight: 176632

UniProt: [O15054](#)

Pathways: [Warburg Effect](#)

Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

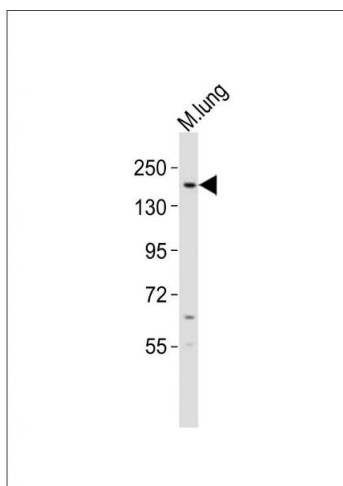
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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

Expiry Date: 6 months



Western Blotting

Image 1. Anti-KDM6B Antibody (Center) at 1:2000 dilution + mouse lung lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 177 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.