

# [KO Validated] Ythdc1 Rabbit mAb

Catalog No.: A25682 **KO Validated** **Recombinant**

## Basic Information

### Observed MW

100kDa

### Calculated MW

85kDa

### Category

Primary antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human

### CloneNo number

ARC66394

## Background

Predicted to enable N6-methyladenosine-containing RNA binding activity and mRNA binding activity. Involved in posttranscriptional regulation of gene expression. Acts upstream of or within gamete generation; in utero embryonic development; and regulation of mRNA processing. Located in nucleus. Orthologous to human YTHDC1 (YTH domain containing 1).

## Recommended Dilutions

**WB** 1:1000 - 1:2000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

231386

### Swiss Prot

E9Q5K9

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 597-736 of mouse Ythdc1 (NP\_808348.2).

### Synonyms

mKIAA1966; A730098D12Rik; Mouse Ythdc1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

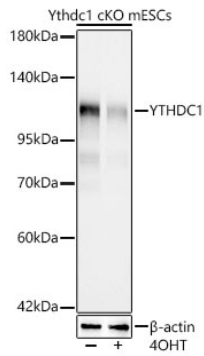
Affinity purification

### Storage

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

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

## Validation Data



Western blot analysis of lysates from Ythdc1-cKO mouse ES cells, using [KO Validated] Ythdc1 Rabbit mAb (A25682) at 1:1000 dilution incubated overnight at 4°C. Ythdc1-cKO mouse ES cells were treated by 4OHT.

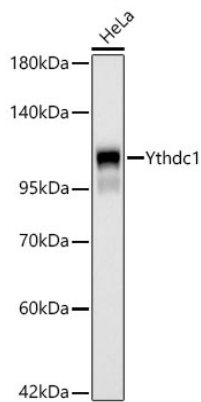
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 45s.



Western blot analysis of lysates from HeLa cells using [KO Validated] Ythdc1 Rabbit mAb (A25682) at 1:1000 dilution incubated overnight at 4°C.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 45s.