

[KO Validated] Ythdc1 Rabbit mAb

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

Basic Information

Observed MW

100kDa

Calculated MW

85kDa

Category

Primary antibody

Applications

ELISA, WB

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 1:500 - 1:1000

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

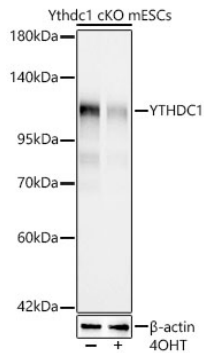
Affinity purification

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.

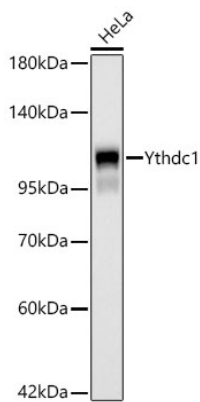
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

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.