

A23773

Leader in Biomolecular Solutions for Life Science



YTHDF1 Rabbit mAb

Catalog No.: A23773

Recombinant

2 Publications

Basic Information

Observed MW

70kDa

Calculated MW

20kDa/60kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,IP,ELISA

Cross-Reactivity

Human,Mouse,Rat

CloneNo number

ARC59730

Background

Enables N6-methyladenosine-containing RNA binding activity and ribosome binding activity. Involved in mRNA destabilization; positive regulation of translational initiation; and stress granule assembly. Located in P-body and cytoplasmic stress granule.

Recommended Dilutions

WB 1:1000 - 1:4000

IP 0.5µg-4µg antibody for
200µg-400µg extracts
of whole cells

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

Immunogen Information

Gene ID

54915

Swiss Prot

Q9BYJ9

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

YTHDF1; C20orf21; YTH domain-containing family protein 1

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

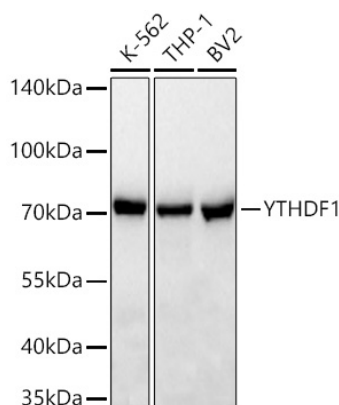
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Contact

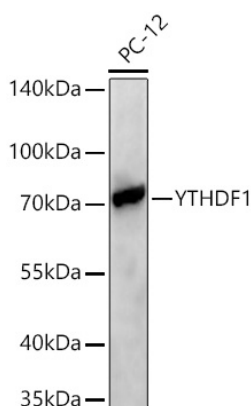


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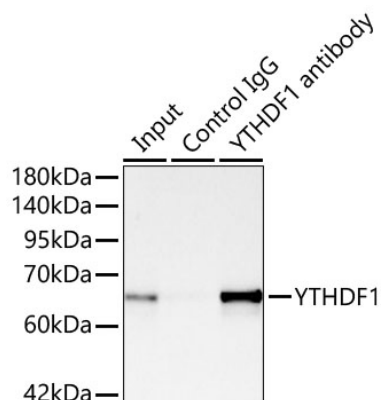
Validation Data



Western blot analysis of various lysates using YTHDF1 Rabbit mAb (A23773) 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: 10s.



Western blot analysis of lysates from PC-12 cells using YTHDF1 Rabbit mAb (A23773) 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: 20s.



Immunoprecipitation of YTHDF1 from 300 µg extracts of NIH/3T3 cells was performed using 3 µg of YTHDF1 Rabbit mAb (A23773). Rabbit IgG isotype control (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1X reducing Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using YTHDF1 Rabbit mAb (A23773) at a dilution of 1:1000.