# YTHDF3 Rabbit mAb

## Catalog No.: A30153

Recombinant

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## Basic Information

**Observed MW**
70 kDa

**Calculated MW**
64 kDa

**Category**
Monoclonal Antibodies

**Applications**
WB, IHC-P, ELISA

**Cross Reactivity**
Human, Mouse, Rat

**Clone No.**
ARC4032

## Background

This gene encodes a member of the YTH (YT521-B homology) domain protein family. The YTH domain is common in eukaryotes, is often found in the middle of the protein sequence, and may function in binding to RNA. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:50000 - 1:200000 |
| **IHC-P** | 1:200 - 1:800 |

**ELISA**
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000), a sequential dilution method is strongly recommended to ensure measurement accuracy.

## Immunogen Information

**Gene ID**
253943

**Swiss-Prot**
Q7Z739

**Immunogen**
This information is considered to be commercially sensitive.

**Synonyms**
DF3


## Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn


## Product Information

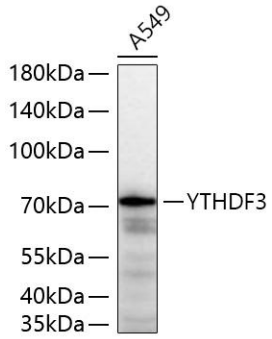
**Source**
Rabbit

**Isotype**
IgG

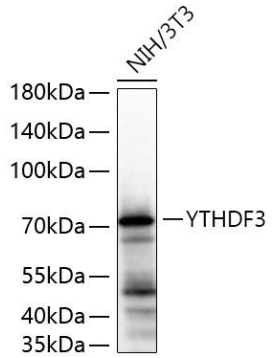
**Purity**
Affinity purification

**Storage**
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% sodium azide,0.05% BSA,50% glycerol,pH 7.3.

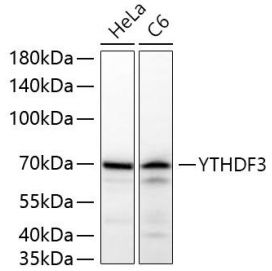
## Validation Data



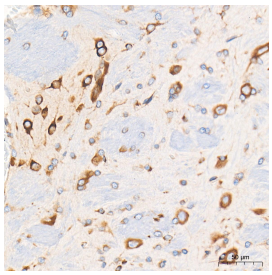

Western blot analysis of lysates from A549 cells using YTHDF3 Rabbit mAb (A30153) at 1:200000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60 s.



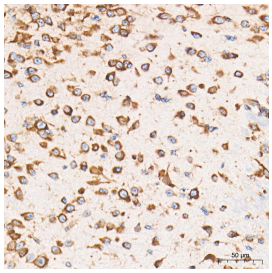

Western blot analysis of lysates from NIH/3T3 cells using YTHDF3 Rabbit mAb (A30153) at 1:200000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90 s.



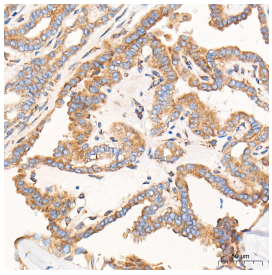

Western blot analysis of various lysates using YTHDF3 Rabbit mAb (A30153) at 1: 200000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90 s.



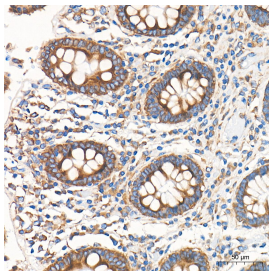
Immunohistochemistry analysis of paraffin-embedded Rat brain tissue using YTHDF3 Rabbit mAb (A30153) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using YTHDF3 Rabbit mAb (A30153) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer tissue using YTHDF3 Rabbit mAb (A30153) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon tissue using YTHDF3 Rabbit mAb (A30153) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.