

# TARBP2 Polyclonal Antibody

Catalog Number:E-AB-61766



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

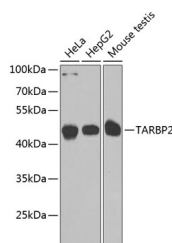
## Description

|                     |                                                           |
|---------------------|-----------------------------------------------------------|
| <b>Reactivity</b>   | Human,Mouse                                               |
| <b>Immunogen</b>    | Recombinant fusion protein of human TARBP2 (NP_599150.1). |
| <b>Host</b>         | Rabbit                                                    |
| <b>Isotype</b>      | IgG                                                       |
| <b>Purification</b> | Affinity purification                                     |
| <b>Conjugation</b>  | Unconjugated                                              |
| <b>Formulation</b>  | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.         |

## Applications Recommended Dilution

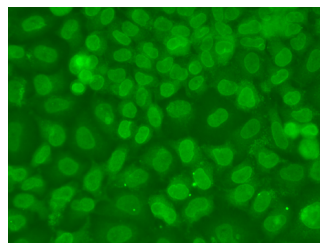
|           |              |
|-----------|--------------|
| <b>WB</b> | 1:500-1:2000 |
| <b>IF</b> | 1:50-1:200   |

## Data



Western blot analysis of extracts of various cell lines using TARBP2 Polyclonal Antibody at dilution of 1:1000.

**Observed Mw:46kDa**  
**Calculated Mw:36kDa/39kDa**



Immunofluorescence analysis of A549 cells using TARBP2 Polyclonal Antibody

## Preparation & Storage

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

## Background

HIV-1, the causative agent of acquired immunodeficiency syndrome (AIDS), contains an RNA genome that produces a chromosomally integrated DNA during the replicative cycle. Activation of HIV-1 gene expression by the transactivator Tat is dependent on an RNA regulatory element (TAR) located downstream of the transcription initiation site. The protein encoded by this gene binds between the bulge and the loop of the HIV-1 TAR RNA regulatory element and activates HIV-1 gene expression in synergy with the viral Tat protein. Alternative splicing results in multiple transcript variants encoding different isoforms. This gene also has a pseudogene.

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