

Datasheet for ABIN2462162  
**anti-TARBP2 antibody**



[Go to Product page](#)

1 Image

## Overview

|              |                                            |
|--------------|--------------------------------------------|
| Quantity:    | 100 µL                                     |
| Target:      | TARBP2                                     |
| Reactivity:  | Human, Mouse, Rat, Zebrafish (Danio rerio) |
| Host:        | Rabbit                                     |
| Clonality:   | Polyclonal                                 |
| Conjugate:   | This TARBP2 antibody is un-conjugated      |
| Application: | Western Blotting (WB), ELISA               |

## Product Details

|               |                                                                                                         |
|---------------|---------------------------------------------------------------------------------------------------------|
| Immunogen:    | Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human TARBP2. |
| Purification: | Antibody is purified by protein A chromatography method.                                                |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | TARBP2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Alternative Name: | TARBP2 ( <a href="#">TARBP2 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 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. TARBP2 binds between the bulge and the loop of the HIV-1 TAR RNA regulatory element and activates HIV-1 gene expression in |

## Target Details

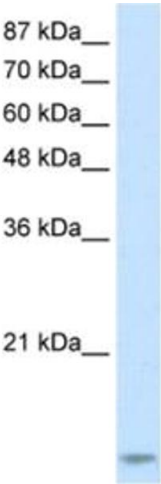
|                   |                                                                                                          |
|-------------------|----------------------------------------------------------------------------------------------------------|
|                   | synergy with the viral Tat protein.                                                                      |
| Molecular Weight: | 8 kDa, 37 kDa, 39 kDa, 37 kDa                                                                            |
| Gene ID:          | 6895                                                                                                     |
| UniProt:          | <a href="#">Q8WY33</a>                                                                                   |
| Pathways:         | <a href="#">Regulatory RNA Pathways</a> , <a href="#">Ribonucleoprotein Complex Subunit Organization</a> |

## Application Details

|                    |                                                                                                                                                                                                                                         |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | TARBP2 antibody can be used for detection of TARBP2 by ELISA at 1:312500. TARBP2 antibody can be used for detection of TARBP2 by western blot at 2.5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                   |

## Handling

|                  |                                                                                                                    |
|------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                                                        |
| Reconstitution:  | Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL.                                            |
| Concentration:   | 1 mg/mL                                                                                                            |
| Buffer:          | Antibody is lyophilized in PBS buffer with 2 % sucrose.                                                            |
| Handling Advice: | As with any antibody avoid repeat freeze-thaw cycles.                                                              |
| Storage:         | 4 °C/-20 °C                                                                                                        |
| Storage Comment: | For short periods of storage (days) store at 4 °C. For longer periods of storage, store TARBP2 antibody at -20 °C. |



**Western Blotting**

**Image 1.**