

## TARDBP Polyclonal Antibody

Catalog No. E-AB-64615

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

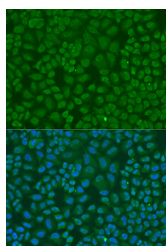
### Description

|                     |   |
|---------------------|---|
| <b>Reactivity</b>   | Human,Mouse,Rat   |
| <b>Immunogen</b>    | Recombinant fusion protein of human TARDBP (NP_031401.1). |
| <b>Host</b>         | Rabbit  |
| <b>Isotype</b>      | IgG   |
| <b>Purification</b> | Affinity purification                                     |
| <b>Conjugation</b>  | Unconjugated  |
| <b>Buffer</b>       | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.         |

### Applications Recommended Dilution

**IF 1:50-1:200**

### Data



Immunofluorescence analysis of U2OS cells using TARDBP Polyclonal Antibody at dilution of 1:100.  
Blue: DAPI for nuclear staining.

### 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 is a transcriptional repressor that binds to chromosomally integrated TAR DNA and represses HIV-1 transcription. In addition, this protein regulates alternate splicing of the CFTR gene. A similar pseudogene is present on chromosome 20.

### For Research Use Only