

## TXNDC5 Polyclonal Antibody

Catalog No. E-AB-64941

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

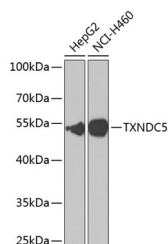
### Description

|                     |  |
|---------------------|--|
| <b>Reactivity</b>   | Human, Mouse, Rat  |
| <b>Immunogen</b>    | Recombinant fusion protein of human TXNDC5 (NP_001139021.1). |
| <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

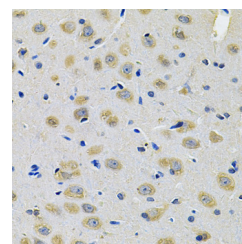
**WB 1:500-1:2000 IHC**  
**1:50-1:200 IF**  
**1:50-1:100**

### Data

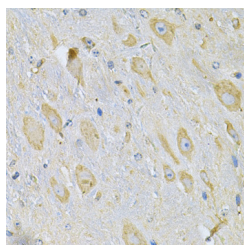


Western blot analysis of extracts of various cell lines using TXNDC5 Polyclonal Antibody at dilution of 1:1000.

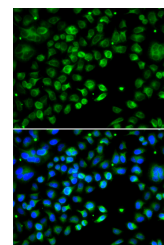
**Observed Mw:48kDa**  
**Calculated Mw:36kDa/47kDa**



Immunohistochemistry of paraffin-embedded Rat brain using TXNDC5 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse brain using TXNDC5 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of MCF-7 cells using TXNDC5 Polyclonal Antibody

### Preparation & Storage

#### For Research Use Only

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

## Background

This gene encodes a protein-disulfide isomerase. Its expression is induced by hypoxia and its role may be to protect hypoxic cells from apoptosis. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring upstream MUTED (muted homolog) gene.