

## Recombinant TXNIP Monoclonal Antibody

catalog number: **AN301188L**

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

### Description

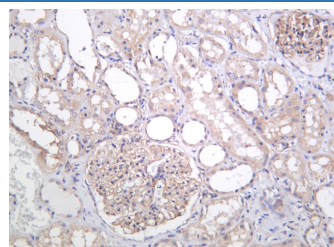
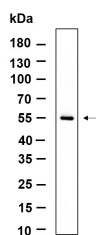
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant Human TXNIP protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG, $\kappa$
<b>Clone</b>	B947
<b>Purification</b>	Protein A
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

### Recommended Dilution

<b>IHC</b>	1:200-1:1000
<b>WB</b>	1:1000-1:5000
<b>IF</b>	1:200-1:1000
<b>ELISA</b>	1:5000-1:20000

### Data



Western Blot with Recombinant TXNIP Monoclonal Antibody Immunohistochemistry of paraffin-embedded human kidney at dilution of 1:1000 dilution. Lane A: NIH/3T3 lysate. using Recombinant TXNIP Monoclonal Antibody at dilution of 1:200.

**Observed-MW:55 kDa**  
**Calculated-MW:44 kDa**

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

### Background

This gene encodes a thioredoxin-binding protein that is a member of the alpha arrestin protein family. Thioredoxin is a thiol-oxidoreductase that is a major regulator of cellular redox signaling which protects cells from oxidative stress. This protein inhibits the antioxidative function of thioredoxin resulting in the accumulation of reactive oxygen species and cellular stress. This protein also functions as a regulator of cellular metabolism and of endoplasmic reticulum (ER) stress. This protein may also function as a tumor suppressor. Alternate splicing results in multiple transcript variants.

### For Research Use Only