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# **Recombinant TXNIP Monoclonal Antibody**

catalog number: AN301188L

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

### **Description**

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human TXNIP protein

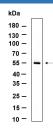
HostRabbitIsotypeIgG,κCloneB947PurificationProtein A

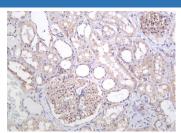
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

# Applications Recommended Dilution

IHC 1:200-1:1000 WB 1:1000-1:5000

#### Data





of 1:200.

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

Observed-MW:55 kDa

Calculated-MW:44 kDa

# **Preparation & Storage**

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping lce 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.

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