Recombinant TXNIP Monoclonal Antibody

catalog number: **AN301188L**

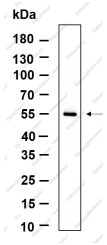
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human TXNIP protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110811
Purification	Protein 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
IF	1:200-1:1000
ELISA	1:5000-1:20000

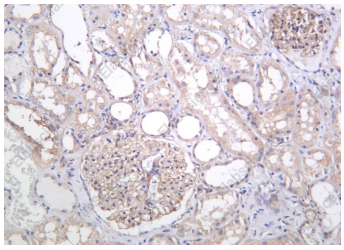
Data



Western Blot with Recombinant TXNIP Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: NIH/3T3 lysate.

Observed-MW:55 kDa

Calculated-MW:44 kDa



Immunohistochemistry of paraffin-embedded human kidney using Recombinant TXNIP Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

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

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