

## TCTN2 Polyclonal Antibody

**CATALOG NO:** 3262-30T 30 µg (Trial size)  
3262-100 100 µg

**IMMUNOGEN:** Synthetic peptide surrounding amino acid 435 of rat TCTN2

**INTERNAL ID#:** BV-K3G

**HOST:** Rabbit

**SPECIES REACTIVITY:** Human, Mouse, Rat

### FORMULATION:

0.5 mg/ml affinity purified rabbit anti- TCTN2 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

### STORAGE CONDITIONS:

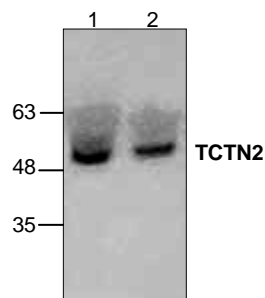
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/defrost cycles.

### DESCRIPTION:

TCTN2 is a member of the Tectonic protein family. Tectonic proteins are transmembrane proteins that regulate the Hedgehog (Hh)-signaling pathway. Defects in TCTN2 can lead to Meckel syndrome type 8. This disorder is characterized by a combination of renal cysts and variable associated features which includes developmental anomalies of the central nervous system, hepatic ductal dysplasia and cysts, and polydactyly.

### APPLICATION AND USAGE:

The antibody can be used in Western Blot analysis (1-4 µg/ml). However, the optimal concentrations should be determined individually. Blocking peptide (Cat.# 3262BP-50) is available separately.



**Cat. #: 3262-100 TCTN2 Antibody.**  
Western blot analysis of TCTN2 using Jurkat cell lysate (Lane 1) and 3T3 cell lysate (Lane 2).

### RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

#### Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

#### Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

#### Cell Damage & Repair

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- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

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- Akt & JNK Activity Assay Kits
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- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
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#### Molecular Biology & Reporter Assays

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- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

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#### Monoclonal and Polyclonal Antibodies

**FOR RESEARCH USE ONLY! Not to be used on humans.**