

TUCAN Polyclonal Antibody

CATALOG NO:	3705-30T	30 µg (Trial size)
	3705-100	100 µg
HOST:	Rabbit	
IMMUNOGEN:	Synthetic peptide surrounding amino acid 420 of human TUCAN (ID# BV-117).	

FORMULATION:

0.2 mg/ml Protein A affinity purified rabbit anti-TUCAN polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5 BSA and 0.01% thimerosal.

SPECIES REACTIVITY: Human, Mouse, Rat

STORAGE CONDITIONS:

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

BACKGROUND:

TUCAN (Tumor Up-regulated Card-containing Antagonist of Caspase-Nine) is a CARD (Caspase-Associated Recruitment Domains) containing protein that binds and suppresses activation of pro-Caspase-9 and found to be overexpressed in some types of cancers. TUCAN binds specifically to pro-caspase-9 and interferes with its interaction with Apaf-1, thereby suppressing apoptosis signaling in the mitochondrial/cytochrome c pathway.

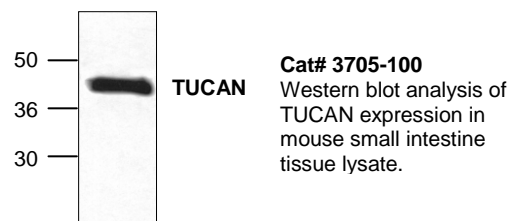
APPLICATION AND USAGE:

The antibody can be used for Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually.

SPECIFICITY:

The antibody detects 47 kDa TUCAN in samples from human, mouse, and rat origins. Jurkat cell lysate, mouse small intestine and rat kidney tissue lysates can be used as positive controls. Blocking peptide (Cat.# 3705BP-50) is also available separately.

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



RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- 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

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

Molecular Biology & Reporter Assays

- siRNA Vectors
- 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

Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies