

Hsc70 Polyclonal Antibody

CATALOG NO:	3095-30T	30 µg (Trial size)
	3095-100	100 µg
HOST:	Rabbit	
IMMUNOGEN:	Synthetic peptide surrounding amino acid 559 of human Hsc70 (ID# BV-355).	

FORMULATION:

0.5 mg/ml of affinity purified rabbit anti-Hsc70 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.03% proclin

SPECIES REACTIVITY: Human, Mouse, Rat, Monkey, Hamster, Pig, Bovine, Sheep

STORAGE CONDITIONS:

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

BACKGROUND DESCRIPTION:

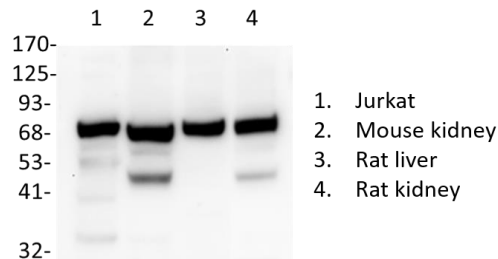
The 70 kDa heat shock cognate protein, Hsc70, is part of the Hsp70 family. The family includes both cognate members and highly inducible isoforms. Members of the Hsp70 family are molecular chaperones which are involved in many cellular functions such as protein folding, transport, maturation and degradation.

SPECIFICITY:

The antibody detects a 70 kDa Hsc70. Jurkat cell lysate (Cat.# 2401-100) and mouse small intestine lysate can be used as positive controls. Blocking peptide (Cat.# 3095BP-50) is also available.

APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (0.5-4 µg/ml), and in immunohistochemistry (5 µg/ml). However, the optimal conditions should be determined individually



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