

Hsc70 Polyclonal Antibody

CATALOG #: 3095-100
AMOUNT: 100 µg
LOT #: _____
HOST: Rabbit
IMMUNOGEN: Synthetic peptide surrounding amino acid 559 of human Hsc70 (ID# BV-355).

FORMULATION:
 100 µg (0.5 mg/ml) affinity purified rabbit anti-Hsc70 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

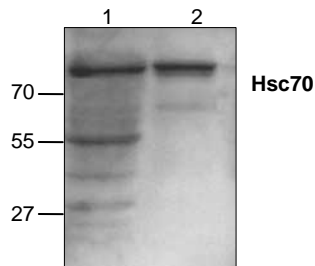
SPECIES REACTIVITY: human, mouse, rat, monkey, hamster, pig, bovine, sheep

STORAGE CONDITIONS:
 Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/defrost 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 71 kDa Hsc70. A ~40 kDa band can also be detected in human samples. 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). Based on researcher's feedback, it can also be used in immunohistochemistry. However, the optimal conditions should be determined individually



Cat.# 3095-100
 Western blot analysis of Hsc70 expression in Jurkat cell lysate (**Lane 1**) and mouse small intestine tissue lysate (**Lane 2**).

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