

## FKBP52 Polyclonal Antibody

**CATALOG NO:** 3880-30T 30 µg (Trial size)  
3880-100 100 µg

**HOST:** Rabbit

**IMMUNOGEN:** Synthetic peptide surrounding amino acid 9 of mouse FKBP52 (Internal ID# BV-B29)

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

**FORMULATION:**

0.5 mg/ml affinity purified rabbit polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

**STORAGE CONDITIONS:**

Store at -20°C. For long term storage, aliquot and freeze at -80°C. Avoid freeze/thaw cycles.

**BACKGROUND DESCRIPTION:**

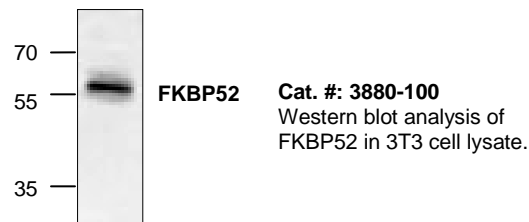
FKBP52 (also known as FKBP4, Hsp56, FK506 binding protein 4, p52, FKBP59) is a 55kDa peptidyl-propyl isomerase. FKBP52 catalyzes the transition between cis- and trans- proline residues which is important in immunoregulation and proper protein folding and trafficking. FKBP52 may involve in the intracellular trafficking of hetero-oligomeric forms of the steroid hormone receptors.

**SPECIFICITY:**

The antibody detects 55 kDa band in samples from human, mouse and rat origins. Blocking peptide (Cat.# 3880BP-50) is available separately.

**APPLICATION AND USAGE:**

The antibody can be used in Western blotting (0.5-4 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

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- 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