# Rabbit FKBP52 Monoclonal Antibody | anti-FKBP52 antibody

Recombinant FKBP52 Monoclonal Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA178796** | **Rabbit** | **Human, Mouse, Rat, Hamster** | **Immunofluorescence, Western Blot** |

## PRODUCT SYNONYMS

FKBP52; Monoclonal Antibody; Recombinant FKBP52 Monoclonal Antibody; 51 kDa FK506-binding protein; 52 kDa FK506 binding protein; 52 kDa FK506-binding protein; 52 kDa FKBP; 59 kDa immunophilin; FK506 binding protein 4; FK506-binding protein 4; FKBP 4; FKBP 52; FKBP 59; FKBP-4; FKBP-52; FKBP4; FKBP51; FKBP52 protein; FKBP59; HBI; Hsp 56; HSP binding immunophilin; HSP-binding immunophilin; Hsp56; Immunophilin FKBP52; N-terminally processed; p52; p59; p59 protein; Peptidyl prolyl cis trans isomerase; Peptidyl-prolyl cis-trans isomerase FKBP4; Peptidylprolyl cis trans isomerase; PPIase; PPIase FKBP4; Rotamase; T cell FK506 binding protein 59kD; anti-FKBP52 antibody

## PRODUCT SPECIFICATIONS

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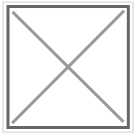
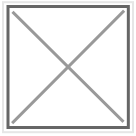
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat, Hamster |
| **Clonality** | Monoclonal |
| **Isotype** | IgG |
| **Clone Number** | R03-4A3 |
| **Purity/Purification** | Affinity Purified |
| **Form/Format** | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| **Concentration** | 300ug/mL (varies by lot) |
| **Applicable Applications for anti-FKBP52 antibody** | IF (Immunofluorescence), WB (Western Blot) |
| **Immunogen** | A synthetic peptide of human FKBP52 |
| **Research Area** | Cancer, Epigenetics and Nuclear Signaling, Signal Transduction |
| **Preparation and Storage** | Storage: -20 degree C/One year. Avoid freeze/thaw cycles. |

## IMAGES



**ICC (Immunocytochemistry)**
Immunocytochemistry of FKBP52 (green) in hela using FKBP52 Rabbit mAb at dilution 1:50, and DAPI(blue



**WB (Western Blot)**
Western blot detection of FKBP52 in Jurkat,C6,CHO-K1,Hela cell lysates using FKBP52 Rabbit mAb(1:500 diluted).Predicted band size:52kDa.Observed band size:52kDa.

## ADDITIONAL INFORMATION

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| **Related Product Information for anti-FKBP52 antibody** | FKBP52 (FK506 binding protein 4) is member of the immunophilin protein family that comprises intracellular protein effectors of immunosuppressive drugs,and it is known as a steroid receptor-associated protein. As a novel regulator of microtubule dynamics,FKBP52 is associated with the motor protein dynein and with the cytoskeleton during mitosis. FKBP52 is highly expressed in CNS regions susceptible to Alzheimer's,and plays a role in modulating toxicity of Abeta peptides. The protein can associate with the Tau function,and may help to decipher and modulate the events involved in Tau-induced neurodegeneration. In addition,FKBP52 is likely to play a role in growth and development of the male genitalia. |
| **Product Categories/Family for anti-FKBP52 antibody** | Antibodies; Primary Antibodies; Recombinant Antibody |

## NCBI AND UNIPROT INFORMATION

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|---|---|
| **NCBI GI #** | 4503729 |
| **NCBI GeneID** | 2288 |
| **NCBI Accession #** | NP_002005.1 |
| **NCBI GenBank Nucleotide #** | NM_002014.3 |
| **UniProt Accession #** | Q02790; Q9UCP1; Q9UCV7; D3DUQ1 |
| **Molecular Weight** | 51,805 Da |
| **NCBI Official Full Name** | peptidyl-prolyl cis-trans isomerase FKBP4 |
| **NCBI Official Synonym Full Names** | FK506 binding protein 4, 59kDa |
| **NCBI Official Symbol** | FKBP4 |
| **NCBI Official Synonym Symbols** | HBI; p52; Hsp56; FKBP51; FKBP52; FKBP59; PPIase |
| **NCBI Protein Information** | peptidyl-prolyl cis-trans isomerase FKBP4; 51 kDa FK506-binding protein; FK506-binding protein 4 (59kD); HSP binding immunophilin; T-cell FK506-binding protein, 59kD; peptidylprolyl cis-trans isomerase; rotamase |
| **UniProt Protein Name** | Peptidyl-prolyl cis-trans isomerase FKBP4 |
| **UniProt Gene Name** | **FKBP4** |
| **UniProt Synonym Gene Names** | FKBP52; PPIase FKBP4; FKBP51; 52 kDa FKBP; FKBP-52; p59; FKBP-4; HBI |
| **UniProt Entry Name** | FKBP4_HUMAN |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/fkbp52-antibody-clone-r03-4a3-immunofluorescence-western-blot-elisa/178796