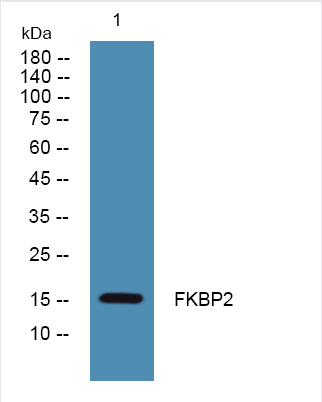
# FKBP2 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | FKBP2, Polyclonal Antibody |
| **Full Product Name** | FKBP2 Rabbit Polyclonal Antibody |
| **Product Gene Name** | anti-FKBP2 antibody |
| **Product Synonym Gene Name** | FKBP13 |
| **Product Synonym Names** | BH6842; Peptidyl-prolyl cis-trans isomerase FKBP2 (PPIase FKBP2)(EC 5.2.1.8)(13 kDa FK506-binding protein)(13 kDa FKBP)(FKBP-13)(FK506-binding protein 2)(FKBP-2)(Immunophilin FKBP13)(Rotamase) |
| **Clonality** | Polyclonal |
| **Host** | Rabbit |
| **Species Reactivity** | Human, Mouse |
| **Form/Format** | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. |
| **Purity/Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Concentration** | 1mg/ml (lot specific) |
| **Specificity** | FKBP2 Polyclonal Antibody detects endogenous levels of protein. |
| **Preparation and Storage** | Store at -20 degree C/1 year |
| **Molecular Weight** | 15,649 Da |
| **OMIM** | 186946 |
| **3D Structure** | ModBase 3D Structure for P26885 |
| **Immunogen** | Synthesized peptide derived from human protein. at AA range: 80-160 |
| **Modification** | Unmodified/Total |
| **Applications Tested/Suitable for anti-FKBP2 antibody** | Western Blot (WB), ELISA (EIA) |
| **Application Notes for anti-FKBP2 antibody** | WB: 1:500-2000<br>ELISA: 1:5000-20000 |
| **Related Product Information for anti-FKBP2 antibody** | The protein encoded by this gene is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This encoded protein is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin. It is thought to function as an ER chaperone and may also act as a component of membrane cytoskeletal scaffolds. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Sep 2008] |
| **Other Notes** | Small volumes of anti-FKBP2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |
| **Searchable Terms for FKBP2 purchase** | MBS9514557 is an antibody targeting FKBP2. Also known as FKBP2 Rabbit Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit. |




**Western Blot (WB) of anti-FKBP2 antibody**
Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4 degree over night

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FKBP2. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 206725530 |
| **NCBI GeneID** | 2286 |
| **NCBI Accession #** | NP_001128680.1 |
| **UniProt Primary Accession #** | P26885 |
| **UniProt Secondary Accession #** | Q5BJH9; Q9BTS7 |
| **UniProt Related Accession #** | P26885 |
| **GenBank Nucleotide #** | NM_001135208.1 |
| **NCBI Official Full Name** | peptidyl-prolyl cis-trans isomerase FKBP2 |
| **NCBI Official Synonym Full Names** | FK506 binding protein 2, 13kDa |
| **NCBI Official Symbol** | FKBP2 |
| **NCBI Official Synonym Symbols** | PPIase; FKBP-13 |
| **UniProt Protein Name** | Peptidyl-prolyl cis-trans isomerase FKBP2 |
| **UniProt Synonym Protein Names** | 13 kDa FK506-binding protein; 13 kDa FKBP; FKBP-13; FK506-binding protein 2; FKBP-2; Immunophilin FKBP13; Rotamase |
| **Protein Family** | FK506-binding protein |
| **UniProt Gene Name** | FKBP2 |
| **UniProt Synonym Gene Names** | FKBP13; PPIase FKBP2; 13 kDa FKBP; FKBP-13; FKBP-2 |
| **UniProt Entry Name** | FKBP2_HUMAN |
| **NCBI Protein Information** | peptidyl-prolyl cis-trans isomerase FKBP2; 13 kDa FK506-binding protein; 13 kDa FKBP; FK506-binding protein 2 (13kD); FKBP-2; PPIase FKBP2; immunophilin FKBP13; proline isomerase; rapamycin-binding protein; rotamase |

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| **UniProt Comments for FKBP2** | FKBP2: PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. Belongs to the FKBP-type PPIase family. FKBP2 subfamily.<br><br>Protein type: Endoplasmic reticulum; Isomerase; EC 5.2.1.8<br><br>Chromosomal Location of Human Ortholog: 11q13.1-q13.3<br><br>Cellular Component: endoplasmic reticulum membrane; endoplasmic reticulum<br><br>Molecular Function: protein binding; FK506 binding; peptidyl-prolyl cis-trans isomerase activity<br><br>Biological Process: protein peptidyl-prolyl isomerization |
| **Research Articles on FKBP2** | **1.** Observational study of gene-disease association, gene-environment interaction, and pharmacogenomic / toxicogenomic. (HuGE Navigator) |
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