

## Rabbit anti-Human Peptidyl-prolyl cis-trans isomerase FKBP3 Polyclonal Antibody | anti-FKBP3 antibody

Rabbit anti-human Peptidyl-prolyl cis-trans isomerase FKBP3 polyclonal Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA230541</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

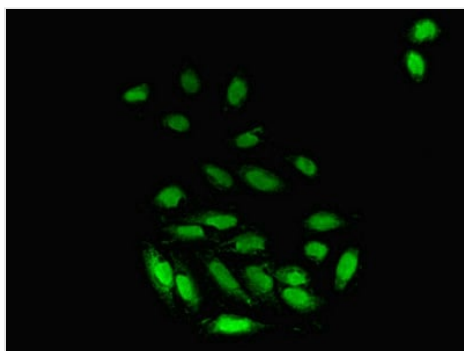
### PRODUCT SYNONYMS

Peptidyl-prolyl cis-trans isomerase FKBP3; Polyclonal Antibody; Rabbit anti-human Peptidyl-prolyl cis-trans isomerase FKBP3 polyclonal Antibody; 25 kDa FK506-binding protein; FK506-binding protein 3; Immunophilin FKBP25; Rapamycin-selective 25 kDa immunophilin; Rotamase; FKBP25; FKBP3; anti-FKBP3 antibody

### PRODUCT SPECIFICATIONS

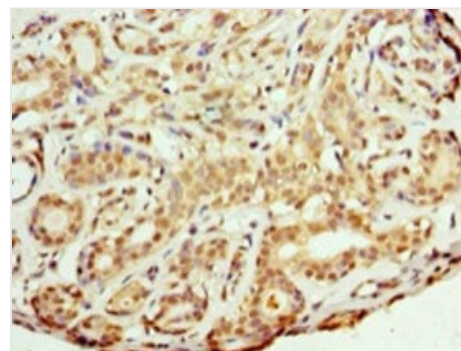
|                                                 |                                                                                                        |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                 |
| Reactivity                                      | Human                                                                                                  |
| Clonality                                       | Polyclonal                                                                                             |
| Isotype                                         | IgG                                                                                                    |
| Purity/Purification                             | Caprylic Acid Ammonium Sulfate Precipitation purified                                                  |
| Form/Format                                     | Liquid                                                                                                 |
| Sequence Length                                 | 224                                                                                                    |
| Applicable Applications for anti-FKBP3 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                   |
| Immunogen                                       | Recombinant human Peptidyl-prolyl cis-trans isomerase FKBP3 protein(2-224aa)                           |
| Conjugation                                     | Non-conjugated                                                                                         |
| Storage Buffer                                  | Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4                         |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-104926 / sc-104927 / sc-292411 |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.               |

### IMAGES



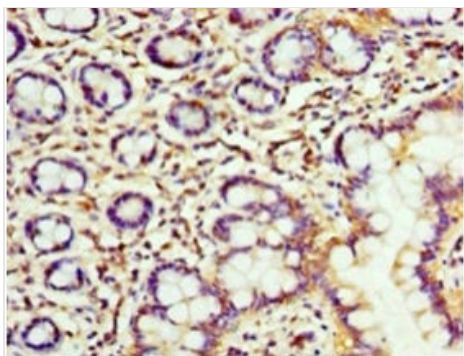
**IF (Immunofluorescence)**

Immunofluorescent analysis of A549 cells using AAA230541 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



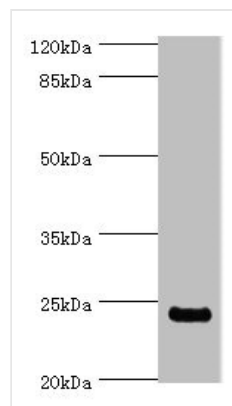
**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human breast cancer using AAA230541 at dilution 1:100



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human small intestine using AAA230541 at dilution 1:100



#### WB (Western Blot)

Western blot All lanes: Peptidyl-prolyl cis-trans isomerase FKBP3 antibody at 2ug/ml+mouse brain tissue  
Secondary Goat polyclonal to rabbit at 1/10000 dilution  
Predicted band size: 25kDa  
Observed band size: 25kDa

## ADDITIONAL INFORMATION

### Related Product Information for anti-FKBP3 antibody

FK506- and rapamycin-binding proteins (FKBPs) constitute a family of receptors for the two immunosuppressants which inhibit T-cell proliferation by arresting two distinct cytoplasmic signal transmission pathways. PPIases accelerate the folding of proteins.

This protein 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, as well as histone deacetylases, the transcription factor YY1, casein kinase II, and nucleolin. It has a higher affinity for rapamycin than for FK506 and thus may be an important target molecule for immunosuppression by rapamycin.

## NCBI AND UNIPROT INFORMATION

|                            |                                                    |
|----------------------------|----------------------------------------------------|
| NCBI GI #                  | 4503727                                            |
| NCBI GeneID                | 2287                                               |
| NCBI Accession #           | NP_002004.1                                        |
| NCBI GenBank Nucleotide #  | NM_002013.3                                        |
| UniProt Accession #        | Q00688; Q14317; B2R4Q9                             |
| Molecular Weight           | 25,177 Da                                          |
| NCBI Official Full Name    | peptidyl-prolyl cis-trans isomerase FKBP3          |
| UniProt Protein Name       | Peptidyl-prolyl cis-trans isomerase FKBP3          |
| UniProt Gene Name          | FKBP3                                              |
| UniProt Synonym Gene Names | FKBP25; PPIase FKBP3; 25 kDa FKBP; FKBP-25; FKBP-3 |
| UniProt Entry Name         | FKBP3_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/polyclonal/peptidyl-prolyl-cis-trans-isomerase-fkbp3-antibody-immunohistochemistry-western-blot-elisa/230541>