

## Rabbit anti-Human FKBP4 Polyclonal Antibody | anti-FKBP4 antibody

FKBP4 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                  |
|-----------|--------|------------|---------------------------------------------------------------|
| AAA235301 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, Western Blot, ELISA |

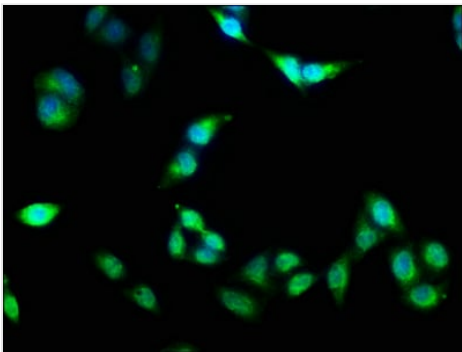
### PRODUCT SYNONYMS

FKBP4; Polyclonal Antibody; FKBP4 Antibody; Peptidyl-prolyl cis-trans isomerase FKBP4; PPlase FKBP4; EC 5.2.1.8; 51 kDa FK506-binding protein; FKBP51; 52 kDa FK506-binding protein; 52 kDa FKBP; FKBP-52; 59 kDa immunophilin; p59; FK506-binding protein 4; FKBP-4; FKBP59; HSP-binding immunophilin; HBI; Immunophilin FKBP52; Rotamase; [Cleaved into: Peptidyl-prolyl cis-trans isomerase FKBP4; N-terminally processed]; FKBP52; anti-FKBP4 antibody

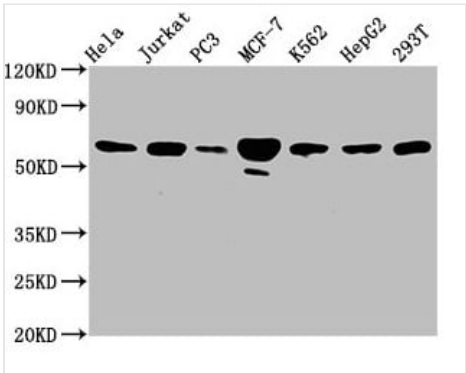
### PRODUCT SPECIFICATIONS

|                                                 |                                                                               |
|-------------------------------------------------|-------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                        |
| Reactivity                                      | Human                                                                         |
| Clonality                                       | Polyclonal                                                                    |
| Isotype                                         | IgG                                                                           |
| Purity/Purification                             | >95%<br>Protein G Purified                                                    |
| Form/Format                                     | Liquid                                                                        |
| Sequence Length                                 | 459                                                                           |
| Applicable Applications for anti-FKBP4 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA |
| Immunogen Species                               | Human                                                                         |
| Immunogen                                       | Recombinant Human Peptidyl-prolyl cis-trans isomerase FKBP4 protein (1-240AA) |
| Conjugate                                       | Non-Conjugated                                                                |
| Preservative                                    | 0.03% Proclin 300                                                             |
| Constituents                                    | 50% Glycerol, 0.01M PBS, pH 7.4                                               |
| Preparation and Storage                         | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.   |

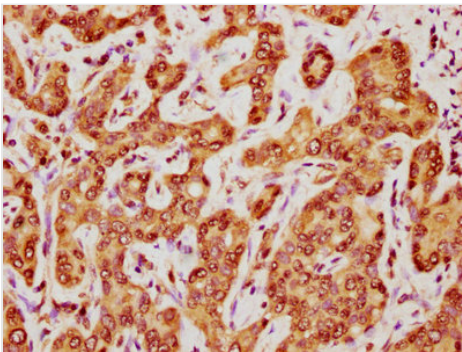
IMAGES



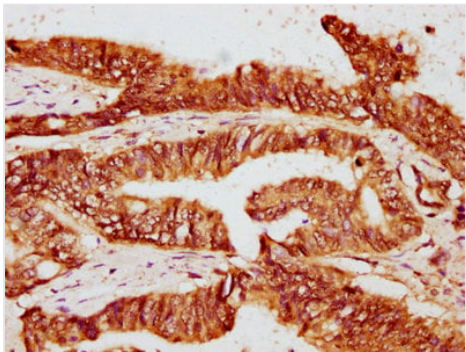
**IF (Immunofluorescence)**  
Immunofluorescence staining of HeLa cells with CSB-PA008700EA01HU at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



**WB (Western Blot)**  
Western BlotPositive WB detected in: HeLa whole cell lysate, Jurkat whole cell lysate, PC-3 whole cell lysate, MCF-7 whole cell lysate, K562 whole cell lysate, HepG2 whole cell lysate, 293T whole cell lysateAll lanes: FKBP4 antibody at 3.3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 52 kDaObserved band size: 59 kDa



**IHC (Immunohistochemistry)**  
IHC image of CSB-PA008700EA01HU diluted at 1:400 and staining in paraffin-embedded human liver cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



**IHC (Immunohistochemistry)**  
IHC image of CSB-PA008700EA01HU diluted at 1:400 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

|                                                   |                     |
|---------------------------------------------------|---------------------|
| Product Categories/Family for anti-FKBP4 antibody | Signal Transduction |
|---------------------------------------------------|---------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| NCBI GI #                        | 4503729                                   |
| NCBI GeneID                      | 2288                                      |
| NCBI Accession #                 | NP_002005.1                               |
| NCBI GenBank Nucleotide #        | NM_002014.4                               |
| 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 | FKBP prolyl isomerase 4                   |
| NCBI Official Symbol             | FKBP4                                     |

|                               |                                                                      |
|-------------------------------|----------------------------------------------------------------------|
| NCBI Official Synonym Symbols | HBI; p52; Hsp56; FKBP51; FKBP52; FKBP59; PPlase                      |
| NCBI Protein Information      | peptidyl-prolyl cis-trans isomerase FKBP4                            |
| UniProt Protein Name          | Peptidyl-prolyl cis-trans isomerase FKBP4                            |
| UniProt Gene Name             | <b>FKBP4</b>                                                         |
| UniProt Synonym Gene Names    | FKBP52; PPlase FKBP4; FKBP51; 52 kDa FKBP; FKBP-52; p59; FKBP-4; HBI |

**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://www.aaabiotech.com/polyclonal/fkbp4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/235301>