Rabbit anti-Human FKBP3 Polyclonal Antibody | anti-FKBP3 antibody

FKBP3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280015	**Rabbit**	**Human**	**Immunofluorescence, Immunohistochemistry, Western Blot**

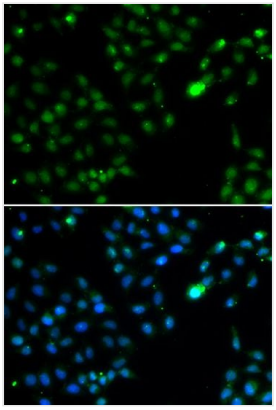
PRODUCT SYNONYMS

FKBP3; Polyclonal Antibody; FKBP3 Polyclonal Antibody; FKBP-3; FKBP25; PPIase; FKBP-25; anti-FKBP3 antibody

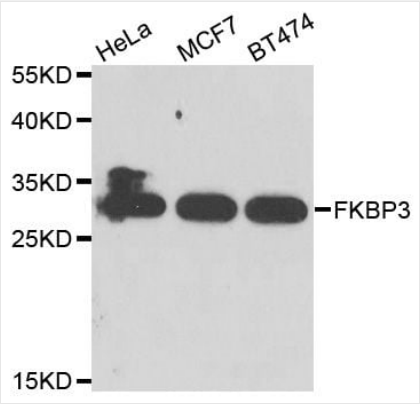
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	224
Applicable Applications for anti-FKBP3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human FKBP3
Calculated Molecular Weight	25kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using FKBP3 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using FKBP3 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Enhanced Kit.Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-FKBP3 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, 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.
Product Categories/Family for anti-FKBP3 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	232096
NCBI GeneID	2287
UniProt Accession #	Q00688; Q14317; B2R4Q9
Molecular Weight	224
NCBI Official Full Name	Peptidyl-prolyl cis-trans isomerase FKBP3
NCBI Official Synonym Full Names	FK506 binding protein 3, 25kDa
NCBI Official Symbol	FKBP3
NCBI Official Synonym Symbols	FKBP-3; FKBP25; PPIase; FKBP-25
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase FKBP3; rotamase; 25 kDa FKBP; PPIase FKBP3; immunophilin FKBP25; rapamycin binding protein; 25 kDa FK506-binding protein; FK506-binding protein 3 (25kD); FK506-binding protein 25, T-cell; rapamycin-selective 25 kDa immunophilin
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.