

Rabbit FKBP25 Polyclonal Antibody | anti-FKBP3 antibody

FKBP25 Antibody

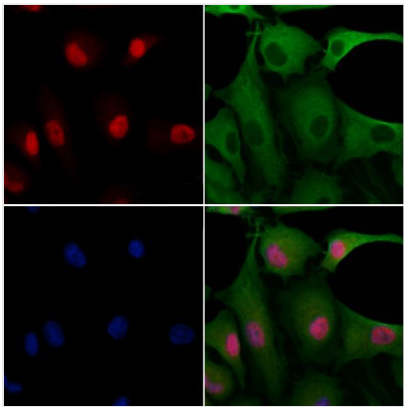
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31216	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%), Xenopus(100%)	ELISA

PRODUCT SYNONYMS

FKBP25; Polyclonal Antibody; FKBP25 Antibody; 25 kDa FK506-binding protein; 25 kDa FKBP; FK506 binding protein 25 T cell; FK506 binding protein 25; T cell; 25-KD; FK506 binding protein 3 (25kD); FK506-binding protein 3; FKBP 25; FKBP 3; FKBP-25; FKBP-3; FKBP3; FKBP3_HUMAN; Immunophilin FKBP25; Peptidyl-prolyl cis-trans isomerase FKBP3; PPlase; PPlase FKBP3; Rapamycin binding protein; Rapamycin-selective 25 kDa immunophilin; Rotamase; anti-FKBP3 antibody

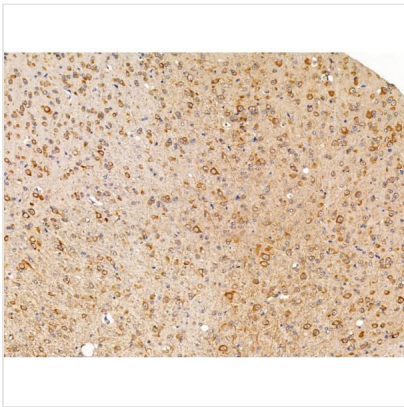
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%), Xenopus(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	FKBP25 Antibody detects endogenous levels of total FKBP25.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	224
Applicable Applications for anti-FKBP3 antibody	ELISA
Application Notes	WB: 1:500-1:2000 IF: 1:100-1:500 ICC: 1:100-1:500 IHC: 1:50-1:200 ELISA(peptide): 1:20,000-1:40,000
Immunogen	A synthesized peptide derived from human FKBP25, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



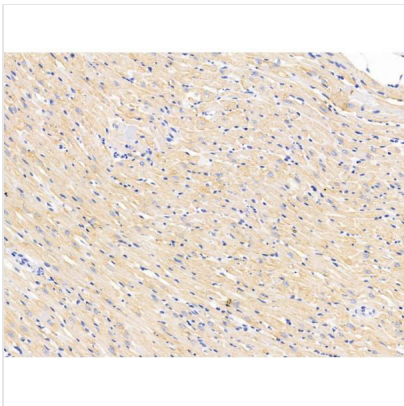
IF (Immunofluorescence)

AAA31216 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA31216) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).



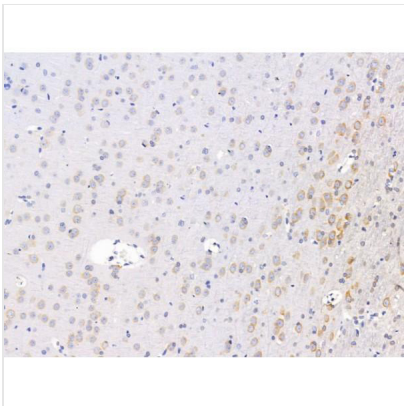
IHC (Immunohistochemistry-Paraffin)

AAA31216 at 1/100 staining Mouse brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



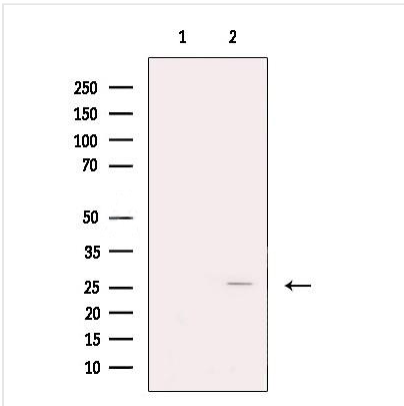
IHC (Immunohistochemistry-Paraffin)

AAA31216 at 1/100 staining Rat heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



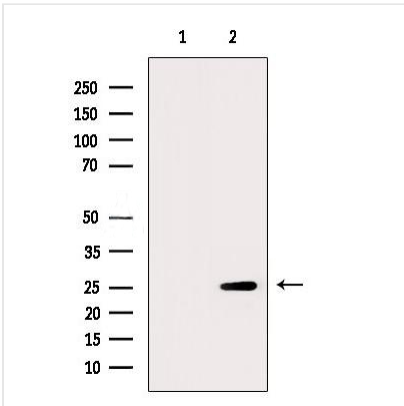
IHC (Immunohistochemistry-Paraffin)

AAA31216 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using FKBP25 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)

Western blot analysis of extracts from RAW264.7 cells, using FKBP25 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-FKBP3 antibody	Function: 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. PPlases accelerate the folding of proteins. Subcellular Location: Nucleus. Similarity: Belongs to the FKBP-type PPlase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503727
NCBI GeneID	2287
NCBI Accession #	NP_002004.1
NCBI GenBank Nucleotide #	NP_002004.1
UniProt Accession #	Q00688
Molecular Weight	Observed Molecular Weight: (Observed)25kD. Predicted Molecular Weight: (Calculated)25kDa.
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase FKBP3
NCBI Official Synonym Full Names	FKBP prolyl isomerase 3
NCBI Official Symbol	FKBP3
NCBI Official Synonym Symbols	FKBP-3; FKBP25; PPlase; FKBP-25
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase FKBP3
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase FKBP3
UniProt Gene Name	FKBP3
UniProt Synonym Gene Names	FKBP25; PPlase 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.