

Rabbit anti-Human, Mouse FK506 Binding Protein 5 (FKBP5) Polyclonal Antibody | anti-FKBP5 antibody

Polyclonal Antibody to FK506 Binding Protein 5 (FKBP5)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133474	Rabbit	Human, Mouse	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

FK506 Binding Protein 5 (FKBP5); Polyclonal Antibody; Polyclonal Antibody to FK506 Binding Protein 5 (FKBP5); anti-FKBP5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against FKBP5. It has been selected for its ability to recognize FKBP5 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and its sequence is listed below. MSPI LGYWKIKGLV QPTRLLLEYL EEKYEEHLYE RDEGDKWRNK KFELGLEFPN LPYYIDGDVK LTQSMIIRY IADKHNLGG CPKERAISM LEGAVLDIRY GVSRIAYSKD FETLKVDFLS KLPEMLKMF EDRCHKTLYN GDHVTHPDFM LYDALDVVLY MDPMLDAFP KLVCFKKRIE AIPQIDKYLK SSKYIAWPLQ GWQATFGGGD HPPKSDGSTS GSGHHHHHHS AGLVPRGSTA IGMKETAALK FERQHMDSPD LGTLEVLFGG PLGSEF-TTD EGAKNNEESP TATVAEQGED ITSKKDRGVL KIVKRVNGE ETPMIGDKVY VHYGKLSNG KKFSSSHDRN EPFVSLGKG QVIKAWDIGV ATMKGGEICH LLCKPEYAYG SAGSLPKIPS NATLFFIEEL LDFKGEDLFE DGGIIRRTKR KEGGYSNPNE GATVEIHLEG RCGGRMFDCR DVAFTVGEGE DHDIPGIDK ALEKMQREEQ CILYLGPYRG FGEAGPKFG IEPNAELIYE VTLKSFEKAK ESWEMDTKEK LEQAIVKEK GTVYFKGGKY MQAVIQYGI VSWLEMEYGL SEKESKASES FLAAFLNLA MCYLKLREYT KAVECCD KAL GLDSANEKGL YRRGEAQLLM NEFESAKGDF EKVLEVNPQN KAARLQISM C QKKAKEHNER DRRIYANMF KFAEQDAKEE ANKAMGKKT EGV TNEKGT D SQAMEEEKPE GHV
Sequence Length	457
Applicable Applications for anti-FKBP5 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant FKBP5 (Thr2~Val457) expressed in E.coli.
Cross Reactivity	Human, Mouse
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type K562 cell lysate; Lane 2: FKBP5 knockout K562 cell lysate; Predicted MW: 51kd Observed MW: 56kd Primary Ab: 2ug/ml Rabbit Anti-Human FKBP5 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemisry)

DAB staining on IHC-P. Samples: Human Tissue



WB (Western Blot)

Western Blot: Sample: Recombinant FKBP5, Human.



WB (Western Blot)

Western Blot: Lane1: Mouse Testis Tissue; Lane2: Mouse Fetal Rat Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-FKBP5 antibody	Knock-Out Validation Antibody
---	-------------------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	224809327
NCBI GeneID	2289
NCBI Accession #	NP_001139247.1
NCBI GenBank Nucleotide #	NM_001145775.2
UniProt Accession #	Q13451; Q59EB8; Q5TGM6; F5H7R1
Molecular Weight	30,032 Da
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase FKBP5 isoform 1
NCBI Official Synonym Full Names	FK506 binding protein 5
NCBI Official Symbol	FKBP5
NCBI Official Synonym Symbols	P54; AIG6; FKBP51; FKBP54; PPIase; Ptg-10
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase FKBP5
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase FKBP5
UniProt Gene Name	FKBP5
UniProt Synonym Gene Names	AIG6; FKBP51; PPIase FKBP5; 51 kDa FKBP; FKBP-51; FKBP-5; p54

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.