



Rabbit Anti-Human FKBP5 Polyclonal Antibody (CABT-L2163)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to FK506 Binding Protein 5 (Knockout Validated)
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.
Target	FKBP5
Immunogen	Recombinant fragment corresponding to human FKBP5 (Thr2~Val457)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	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 to the immunosuppressants FK506 and rapamycin. It is thought to mediate calcineurin inhibition. It also interacts functionally with mature hetero-oligomeric progesterone receptor complexes along with the 90 kDa heat shock protein and P23 protein. This gene has been found to have multiple polyadenylation sites. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Mar 2009]
Keywords	P54;FKBP51;FKBP54;Ptg-10;Rotamase;51 kDa FK506-binding protein;54 kDa progesterone receptor-associated;Androgen-regulated protein 6;HSP90-binding immunophilin

GENE INFORMATION

Gene Name	FKBP5 FK506 binding protein 5 [Homo sapiens (human)]
Official Symbol	FKBP5
Synonyms	FKBP5; FK506 binding protein 5; P54; AIG6; FKBP51; FKBP54; PPIase; Ptg-10; peptidyl-prolyl cis-trans isomerase FKBP5; FKBP-51; rotamase; 51 kDa FKBP; FF1 antigen; PPIase FKBP5; HSP90-binding immunophilin; 51 kDa FK506-binding protein; T-cell FK506-binding protein; androgen-regulated protein 6; peptidylprolyl cis-trans isomerase; 54 kDa progesterone receptor-associated immunophilin;
Entrez Gene ID	2289
Protein Refseq	NP_001139247
UniProt ID	Q13451
Chromosome Location	6p21.31
Pathway	Estrogen signaling pathway; Glucocorticoid receptor regulatory network; Prostate Cancer; TNF-alpha/NF-kB Signaling Pathway;
Function	FK506 binding; heat shock protein binding; peptidyl-prolyl cis-trans isomerase activity; protein binding;