

ARG58727 anti-FKBP3 / FKBP25 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes FKBP3 / FKBP25
Tested Reactivity	Hu
Tested Application	IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FKBP3 / FKBP25
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-224 of Human FKBP3 (NP_002004.1).
Conjugation	Un-conjugated
Alternate Names	PPIase FKBP3; FK506-binding protein 3; Rotamase; FKBP25; FKBP-25; FKBP-3; EC 5.2.1.8; PPIase; 25 kDa FKBP; 25 kDa FK506-binding protein; Rapamycin-selective 25 kDa immunophilin; Peptidyl-prolyl cis-trans isomerase FKBP3; Immunophilin FKBP25

Application Instructions

Application table	Application	Dilution
	IP	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	BT474	
Observed Size	30 kDa	

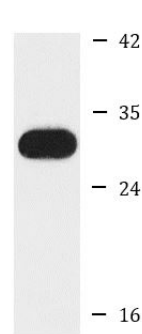
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Gene Symbol	FKBP3
Gene Full Name	FK506 binding protein 3, 25kDa
Background	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. [provided by RefSeq, Sep 2008]
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. PPIases accelerate the folding of proteins. [UniProt]
Calculated Mw	25 kDa
Cellular Localization	Nucleus. [UniProt]

Images



BT474

ARG58727 anti-FKBP3 / FKBP25 antibody WB image

Western blot: 25 µg of BT474 cell lysate stained with ARG58727 anti-FKBP3 / FKBP25 antibody at 1:1000 dilution.