# antibodies - online.com







# anti-FKBP6 antibody (AA 101-327)





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- OVERVIEW	
Quantity:	100 μg
Target:	FKBP6
Binding Specificity:	AA 101-327
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FKBP6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)
Product Details	

Immunogen:	Recombinant Human Inactive peptidyl-prolyl cis-trans isomerase FKBP6 protein (101-327AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	FKBP6
Alternative Name:	FKBP6 (FKBP6 Products)
Background:	Background: Co-chaperone required during spermatogenesis to repress transposable elements and prevent their mobilization, which is essential for the germline integrity. Acts via the piRNA

metabolic process, which mediates the repression of transposable elements during meiosis by forming complexes composed of piRNAs and Piwi proteins and govern the methylation and subsequent repression of transposons. Acts as a co-chaperone via its interaction with HSP90 and is required for the piRNA amplification process, the secondary piRNA biogenesis. May be required together with HSP90 in removal of 16 nucleotide ping-pong by-products from Piwi complexes, possibly facilitating turnover of Piwi complexes.

Aliases: 36 kDa FK506 binding protein antibody, 36 kDa FK506-binding protein antibody, 36 kDa FKBP antibody, EC 5.2.1.8 antibody, FK506 binding protein 6 antibody, FK506-binding protein 6 antibody, FKBP 36 antibody, FKBP-36 antibody, FKBP-6 antibody, FKBP36 antibody, fkbp6 antibody, FKBP6\_HUMAN antibody, Immunophilin FKBP36 antibody, Peptidyl prolyl cis trans isomerase antibody, Peptidyl-prolyl cis-trans isomerase FKBP6 antibody, PPlase antibody, PPlase FKBP6 antibody, Rotamase antibody

UniProt: 075344

Pathways: M Phase

#### **Application Details**

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

#### Handling

Format:

Liquid

Buffer:

Preservative: 0.03 % Proclin 300

Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative:

ProClin

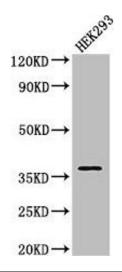
Precaution of Use:

This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage:

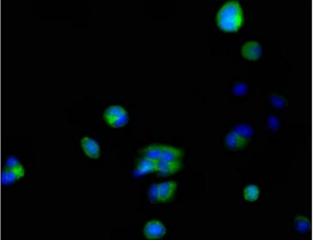
-20 °C,-80 °C

Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



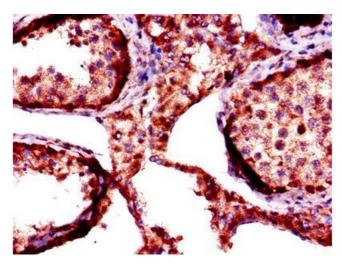
#### **Western Blotting**

**Image 1.** Western Blot Positive WB detected in: HEK293 whole cell lysate All lanes: FKBP6 antibody at 4 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 38, 37, 34 kDa Observed band size: 38 kDa



#### **Immunofluorescence**

**Image 2.** Immunofluorescent analysis of MCF-7 cells using ABIN7156155 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)



### **Immunohistochemistry**

**Image 3.** Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7156155 at dilution of 1:100

Please check the product details page for more images. Overall 4 images are available for ABIN7156155.