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Datasheet for ABIN7156156
anti-FKBP6 antibody (AA 101-327) (Biotin)

Overview

Quantity:	100 µg
Target:	FKBP6
Binding Specificity:	AA 101-327
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FKBP6 antibody is conjugated to Biotin
Application:	ELISA

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

Target Details

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: [O75344](#)

Pathways: [M Phase](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

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

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