

Rabbit anti-Human FKBP6 Polyclonal Antibody | anti-FKBP6 antibody

FKBP6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230190	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

FKBP6; Polyclonal Antibody; FKBP6 Antibody; Inactive peptidyl-prolyl cis-trans isomerase FKBP6; Inactive PPIase FKBP6; 36 kDa FK506-binding protein; 36 kDa FKBP; FKBP-36; FK506-binding protein 6; FKBP-6; Immunophilin FKBP36; FKBP36; anti-FKBP6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	322
Applicable Applications for anti-FKBP6 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Inactive peptidyl-prolyl cis-trans isomerase FKBP6 protein (101-327AA)
Species	Homo sapiens (Human)
Research Area	Immunology
Target Names	FKBP6
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-104248 / sc-104249
Species	Homo sapiens (Human)
Research Area	Immunology
Target Names	FKBP6
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



WB (Western Blot)

Positive WB detected in: HEK293 whole cell lysateAll lanes: FKBP6 antibody at 4ug/mlSecondary Goat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 38, 37, 34 kDaObserved band size: 38 kDa



IHC (Immunohistochemisry)

Immunofluorescent analysis of MCF-7 cells using AAA230190 at a dilution of 1:100 and Alexa Fluor 488-conugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA230190 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA230190 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-FKBP6 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	206725544
NCBI GeneID	8468
NCBI Accession #	NP_001128683.1
NCBI GenBank Nucleotide #	NM_001135211.2
UniProt Accession #	O75344; Q7Z4T4; Q9UDS0; B4DXT7; G3V0I2
NCBI Official Full Name	inactive peptidyl-prolyl cis-trans isomerase FKBP6 isoform b
NCBI Official Synonym Full Names	FK506 binding protein 6
NCBI Official Symbol	FKBP6
NCBI Official Synonym Symbols	FKBP36
NCBI Protein Information	inactive peptidyl-prolyl cis-trans isomerase FKBP6
UniProt Protein Name	Inactive peptidyl-prolyl cis-trans isomerase FKBP6
UniProt Gene Name	FKBP6
UniProt Synonym Gene Names	FKBP36; Inactive PPIase FKBP6; 36 kDa FKBP; FKBP-36; FKBP-6
UniProt Entry Name	FKBP6_HUMAN

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.