Rabbit anti-Human, Mouse FKBP4/FKBP52 Polyclonal Antibody | anti-FKBP4/FKBP52 antibody

Rabbit anti-FKBP4/FKBP52 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211469	**Rabbit**	**Human, Mouse**	**Western Blot**

PRODUCT SYNONYMS

FKBP4/FKBP52; Polyclonal Antibody; Rabbit anti-FKBP4/FKBP52 Antibody; Affinity Purified; HSP binding immunophilin; Hsp56; HSP-binding immunophilin; Immunophilin FKBP52; p52; peptidylprolyl cis-trans isomerase; PPIase; PPIase FKBP4; T-cell FK506-binding protein; 59kD; p59; rotamase; 59 kDa immunophilin; HBI; 52 kDa FKBP; FK506 binding protein 4; 59kDa; peptidyl-prolyl cis-trans isomerase FKBP4; FK506-binding protein 4; FKBP59; FKBP-4; FKBP51; FKBP52; FKBP-52; 51 kDa FK506-binding protein; 52 kDa FK506-binding protein; Peptidyl-prolyl cis-trans isomerase FKBP4; anti-FKBP4/FKBP52 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-FKBP4/FKBP52 antibody	WB (Western Blot)
Predicted Reactivity	Rabbit
Immunogen	Between 409 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES

WB (Western Blot)
Detection of human and mouse FKBP4/FKBP52 by western blot. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug), HEK293T (T; 50 ug) and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-FKBP4/FKBP52 antibody AAA211469 (lot AAA211469-1) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with exposure time of 10 seconds.

IP (Immunoprecipitation)
Detection of human FKBP4/FKBP52 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-FKBP4/FKBP52 antibody AAA211469 (lot AAA211469-1) used for IP at 3 ug/mg lysate. FKBP4/FKBP52 was also immunoprecipitated by rabbit anti-FKBP4/FKBP52 antibody which recognizes an upstream epitope. For blotting immunoprecipitated FKBP4/FKBP52, AAA211469 was used at 1.0 ug/ml. Detection: Chemiluminescence with exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-FKBP4/FKBP52 antibody	FKBP4/FKBP52 is an immunophilin and target of FK506, a macrolide immunosuppressive drug derived from Streptomyces tsukubaensis. Like other FK506 binding proteins, FKBP52 exhibits peptidyl-prolyl cis-trans isomerase activity, but does not appear to mediate the immunosuppressive activities of FK506. The most studied role of FKBP4/FKBP52 surrounds its involvement in the regulation of steroid receptor signaling. In association with the molecular chaperone Hsp90, FKBP4/FKBP52 is able to influence steroid-hormone binding affinity and transcriptional activity.
Product Categories/Family for anti-FKBP4/FKBP52 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503729
NCBI GeneID	2288
NCBI Accession #	NP_002005.1
NCBI GenBank Nucleotide #	NM_002014.3
UniProt Accession #	Q02790; Q9UCP1; Q9UCV7; D3DUQ1
Molecular Weight	51,805 Da
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase FKBP4
NCBI Official Synonym Full Names	FK506 binding protein 4, 59kDa
NCBI Official Symbol	FKBP4
NCBI Official Synonym Symbols	HBI; p52; Hsp56; FKBP51; FKBP52; FKBP59; PPIase
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase FKBP4; 51 kDa FK506-binding protein; FK506-binding protein 4 (59kD); HSP binding immunophilin; T-cell FK506-binding protein, 59kD; peptidylprolyl cis-trans isomerase; rotamase
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase FKBP4
UniProt Gene Name	**FKBP4**
UniProt Synonym Gene Names	FKBP52; PPIase FKBP4; FKBP51; 52 kDa FKBP; FKBP-52; p59; FKBP-4; HBI
UniProt Entry Name	FKBP4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/fkbp4-fkbp52-antibody-western-blot-elisa/211469