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Datasheet for ABIN1387240 anti-FKBP5 antibody (AA 201-300)

2 Images



Overview

Quantity:	100 µL
Target:	FKBP5
Binding Specificity:	AA 201-300
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FKBP5 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FKBP51
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Sheep,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	FKBP5
Alternative Name:	FKBP51 (FKBP5 Products)
Background:	Synonyms: FKBP 5, FKBP 51, FKBP 54, FKBP-5, FKBP-51, FKBP5, FKBP5_HUMAN, FKBP54,

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN1387240 | 03/07/2024 | Copyright antibodies-online. All rights reserved. HSP90 binding immunophilin, HSP90-binding immunophilin, P54 antibody Peptidyl prolyl cis trans isomerase, Peptidyl-prolyl cis-trans isomerase FKBP5, Peptidylprolyl cis trans isomerase, PPlase, PPlase FKBP5, Ptg 10, Ptg10, Rotamase, T cell FK506 binding protein, 51 kDa FK506 binding protein 5, 51 kDa FK506 binding protein, 51 kDa FK506-binding protein, 51 kDa FKBP, 54 kDa progesterone receptor associated immunophilin, 54 kDa progesterone receptorassociated immunophilin, AIG 6, AIG6, Androgen regulated protein 6, Androgen-regulated protein 6, FF1 antigen, FK506 binding protein 5, FK506-binding protein 5, MGC111006, OTTHUMP00000016268.

Background: The immunophilins are a highly conserved family of cis-trans peptidyl-prolyl isomerases that bind to and mediate the effects of immunosuppressive drugs, such as cyclosporin, FK506 and rapamycin (1). Several related immunophilins, FKBP12, FKBP51 and FKBP52, are characterized as cytosolic FK506-binding proteins, and following ligand binding, they functionally inhibit the phosphatase activity of calcineurin (2,3). The ubiquitously expressed FKBP12 also associates with the cytoplasmic domain of the TGF?type I receptor, where it stabilizes the inactive conformation of the receptor and blocks the activation of the TGF?pathway (4). FKBP51 and FKBP52 are two highly related proteins (5,6). FKBP51 is predominantly expressed in T cells and is induced by glucocorticoids (5). FKBP51 mediates the effects of FK506 and rapamycin by inhibiting intracellular calcineurin activity, and by blocking T-cell activation and proliferation (7). FKBP52, known also as FKBP-59 or heat shock protein 56, is expressed in a variety of tissues and can also associate with the heat shock protein (hsp90) in mature steroid receptor complexes (6,8).

Application Notes:	ELISA 1:500-1000
	IHC-P 1:200-400
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

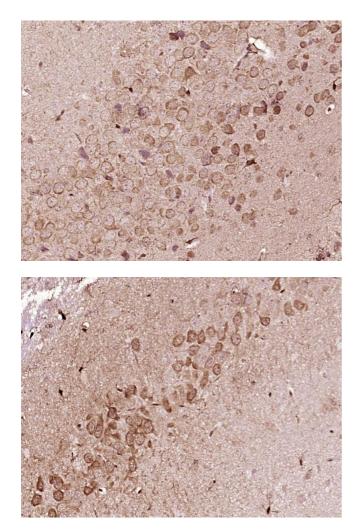
Application Details

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Handling

	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Paraformaldehyde-fixed, paraffin embedded Mouse brain Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes Blocking buffer (normal goat serum) at 37°C for 30min Antibody incubation with FKBP51 Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, DAB staining.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Paraformaldehyde-fixed, paraffin embedded Rat brain Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes Blocking buffer (normal goat serum) at 37°C for 30min Antibody incubation with FKBP51 Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, DAB staining.

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