

Anti-FKBP1B Antibody

Catalog #	Source	Reactivity	Applications
CQA4473	Rabbit	H, M, R	WB, IH, IF/IC
Description	Rabbit polyclonal antibody to FKBP1B		
Immunogen	KLH-conjugated synthetic peptide of human FKBP1B. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of FKBP1B protein		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000), IH (1/50 - 1/200), IF/IC (1/50 - 1/200)		
Gene Symbol	FKBP1B		
Alternative Names	FKBP12.6; FKBP1L; FKBP9; OTK4; Peptidyl-prolyl cis-trans isomerase FKBP1B; PPIase FKBP1B; 12.6 kDa FK506-binding protein; 12.6 kDa FKBP; FKBP-12.6; FK506-binding protein 1B; FKBP-1B; Immunophilin FKBP12.6; Rotamase; h-FKBP-12		
Entrez Gene	2281 (Human); 14226 (Mouse); 58950 (Rat)		
SwissProt	P68106 (Human); Q9Z2I2 (Mouse); P97534 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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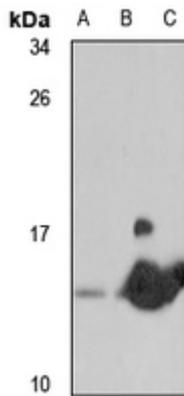
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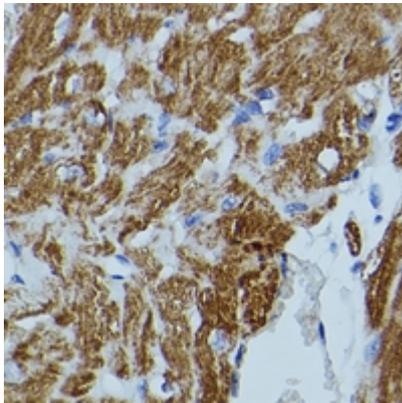
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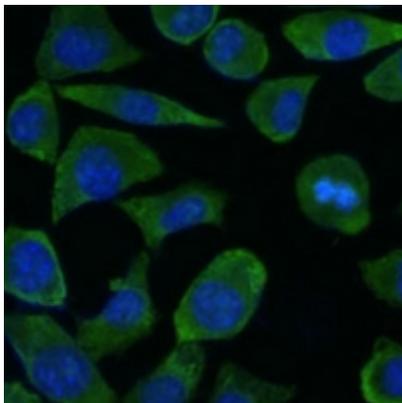
Product Data Sheet



Western blot analysis of FKBP1B expression in 22Rv1 (A), mouse brain (B), rat brain (C) whole cell lysates. (Predicted band size: 8; 11 kD; Observed band size: 13 kD)



Immunohistochemical analysis of FKBP1B staining in mouse heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of FKBP1B staining in L929 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

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