

## FK506 Binding Protein 1B (FKBP1B) Antibody

Catalogue No.:abx033729



FKBP1B is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This protein is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin. The protein is highly similar to the FK506-binding protein 1A. Its physiological role is thought to be in excitation-contraction coupling in cardiac muscle.

| Target:              | FK506 Binding Protein 1B (FKBP1B) |
|----------------------|-----------------------------------|
| Clonality:           | Polyclonal                        |
| Reactivity:          | Human, Mouse                      |
| Tested Applications: | ELISA, WB, IF/ICC                 |
| Host:                | Rabbit                            |
|                      |                                   |

Recommended dilutions: WB: 1/1000, IF/ICC: 1/10 - 1/50. Optimal dilutions/concentrations should be determined by the end user.



| Conjugation:        | Unconjugated  |
|---------------------|---|
| Immunogen:          | KLH-conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human FKBP1B. |
| lsotype:            | lgG   |
| Form:               | Liquid  |
| Purification:       | Purified Rabbit Polyclonal Antibody.  |
| Storage:            | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.  |
| UniProt Primary AC: | P68106 ( <u>UniProt</u> , <u>ExPASy</u> )   |
| KEGG:               | hsa:2281  |
| String:             | <u>9606.ENSP00000370373</u>   |
| Molecular Weight:   | Calculated MW: 11.8 kDa   |
| Buffer:             | PBS containing 0.09% sodium azide.  |
| Specificity:        | Predicted to react with Rat, Cow and Rabbit FKBP1B.   |
| Note:               | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC,                                     |
|                     | THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL   |
|                     | CONSUMPTION.  |
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