

FKBP12 Rabbit pAb

db5443

Package : 20μL 50μL 100μL

Product Name : FKBP12 Rabbit pAb**Cat.No.:** db5443**Synonyms** : FKBP1; PKC12; PKC12; FKBP12; PPIASE; FKBP-12; FKBP-1A**Application** : WB, ICC/IF**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

The protein encoded by this gene is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. The protein is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin. It interacts with several intracellular signal transduction proteins including type I TGF-beta receptor. It also interacts with multiple intracellular calcium release channels, and coordinates multi-protein complex formation of the tetrameric skeletal muscle ryanodine receptor. In mouse, deletion of this homologous gene causes congenital heart disorder known as noncompaction of left ventricular myocardium. Multiple alternatively spliced variants, encoding the same protein, have been identified. The human genome contains five pseudogenes related to this gene, at least one of which is transcribed. [provided by RefSeq, Sep 2008]

Immunogen

A synthetic peptide of human FKBP12

Gene ID

2280

Swiss Prot

P62942

Synonyms

FKBP1; PKC12; PKC12; FKBP12; PPIASE; FKBP-12; FKBP-1A

Reactivity

Human, Mouse, Rat

Application

WB, ICC/IF

Recommended dilution

WB: 1:2000-1:10000

ICC/IF: 1:20

Calculated MW

12 kDa

Observed MW

12 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.