

FKBP12 Polyclonal Antibody

CATALOG NO: 3635-30T 30 µg (Trial size)
3635-100 100 µg

IMMUNOGEN: Synthetic peptide surrounding amino acid 10 of mouse FKBP12 (Internal ID# BV-538)

SPECIES REACTIVITY: Human, Mouse, Rat, Bovine, Rabbit

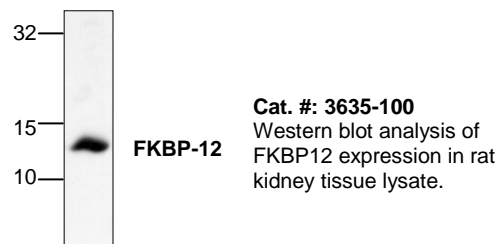
FORMULATION: 0.5 mg/ml in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

STORAGE CONDITIONS: Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

BACKGROUND DESCRIPTION: FKBP12 is a member of the family of soluble receptors capable of binding to one of two major immunosuppressant agents. FKBP12 also plays a role in intracellular calcium regulation by associating with three types of calcium release channel complexes, cardiac and skeletal ryanodine receptors and the inositol 1,4,5-trisphosphate receptor. In interactions with members of the TGF beta family type I receptors, FKBP12 has been shown to exert an inhibitory effect on the signaling pathway.

SPECIFICITY: The antibody detects 12 kDa FKBP12 protein in samples from human, mouse, and rat origins. Blocking peptide (Cat.# 3635BP-50) is also available separately.

APPLICATION AND USAGE: The antibody performs well on Western blot (0.5-4 µg/ml). Based on researchers feed back, the antibody also works well in immunoprecipitation (2-10 µg/ml) and immunohistochemistry (2-10 µg/ml). However, the optimal conditions should be determined individually.



FOR RESEARCH USE ONLY! Not to be used on humans

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