

## Product datasheet for **TA347127**

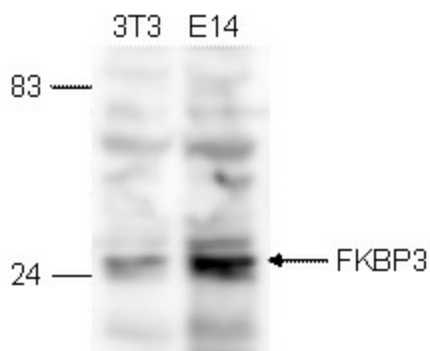
### **FKBP25 (FKBP3) Rabbit Polyclonal Antibody**

#### **Product data:**

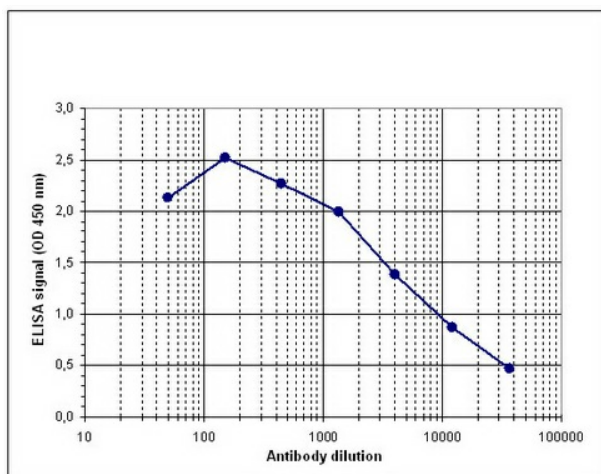
<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ELISA, WB
<b>Recommended Dilution:</b>	ELISA (1:100 ?? 1:200) ; Western blotting (1:500)
<b>Reactivity:</b>	Mouse
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	The immunogen for anti-FKBP3 antibody: mouse FKBP3 (FK506 Binding Protein 3), using a KLH-conjugated synthetic peptide containing an amino acid sequence from the central part of the protein
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Whole antiserum from rabbit containing 0.05% azide.
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Gene Name:</b>	FK506 binding protein 3
<b>Database Link:</b>	<a href="#">NP_002004</a> <a href="#">Entrez Gene 30795 Mouse</a> <a href="#">Q00688</a>
<b>Background:</b>	FKBP3 (UniProtKB/Swiss-Prot entry Q00688) is a member of the immunophilin protein family, which plays a role in immunoregulation and basic cellular processes involving protein folding and trafficking. It acts as a receptor for FK506 and rapamycin, two immunosuppressants which inhibit T-cell proliferation. FKBP3 localizes to the nucleus and interacts with the transcription factor YY1 and with histone deacetylases. Therefore, it may play a role in chromatin modification and be important for the regulation of transcription.
<b>Synonyms:</b>	FKBP-3; FKBP-25; FKBP25; PPIase
<b>Protein Families:</b>	Druggable Genome, Stem cell - Pluripotency



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**Product images:**


WB was performed on whole cell lysates from mouse fibroblasts (NIH3T3) and embryonic stem cells (E14Tg2a) with the antibody against mouse FKBP3, diluted 1:500 in BSA/PBS-Tween. The molecular weight marker (in kDa) is shown on the left; the location of the protein of interest (expected size: 25 kDa) is indicated on the right.



Determination of the titer To determine the titer, an ELISA was performed using a serial dilution of the antibody against mouse FKBP3. The plates were coated with the peptide used for immunization of the rabbit. By plotting the absorbance against the antibody dilution (Figure 1), the titer of the antibody was estimated to be 1:5, 400.