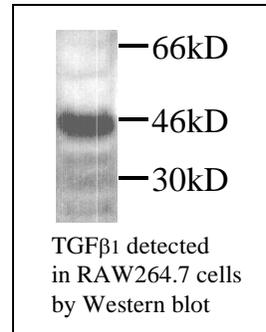


## Purified Rabbit Anti-porcine TGF- $\beta$ 1 Polyclonal Antibody

**Catalog Number:** CPT001  
**Lot Number:** 100414  
**Content:** Protein A purified rabbit IgG, 500  $\mu$ g,  
with 0.1% sodium azide, lyophilized.

(Reconstitute to 1 mg/ml by adding 500  $\mu$ l H<sub>2</sub>O)



**Product Description and Usage:** For research use only. This polyclonal antibody, which also reacts with mouse, rat and human TGF $\beta$ 1, was generated using *E. coli*-expressed porcine TGF $\beta$ 1 as an immunogen. The tested titer for Western blot is 1:2,000, and 1:200-1:500 for immunohistochemistry.

Cross-reactivity to TGF $\beta$ 1 of other species has not been determined.

**Storage Condition:** 4°C for short term storage or -20°C in small aliquots for long term storage. Avoid repeated freeze and thaw.

**Background:** TGF $\beta$ 1 (transforming growth factor-beta1) is a family of multifunctional 25 kDa proteins. TGF $\beta$ 1 was originally identified for its ability to induce the growth of normal rodent fibroblasts in soft agar. It is now known that TGF $\beta$ 1 is a potent growth inhibitor of many normal and transformed cell lines. It regulates normal cell growth, development and tissue remodeling following injury. TGF $\beta$ 1 is produced as latent high molecular weight complexes. The activation of latent TGF $\beta$ 1 is an important step in the regulation of its action.

### References:

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