

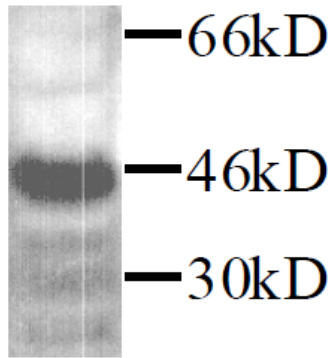
## TGFB1

### Rabbit Anti-Porcine Transforming Growth Factor beta 1 pAb

<b>Catalog No.</b>	CPT000	<b>Quantity:</b>	500 µg
<b>Alternate Names:</b>	TGF-BETA-1		
<b>Description:</b>	<p>The rabbit polyclonal antibody recognizes porcine TGF-beta 1 (transforming growth factor-beta1) a member of the 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.</p>		
<b>Gene ID:</b>	397078		
<b>UniProtKB:</b>	P07200		
<b>Conjugate:</b>	Unconjugated		
<b>Specificity:</b>	Porcine TGF-beta 1		
<b>Host:</b>	Rabbit		
<b>Isotype:</b>	IgG		
<b>Immunogen:</b>	<i>E. coli</i> -expressed porcine TGF-beta 1 (aa 280-391 of pro-TGFβ1)		
<b>Clone:</b>	Polyclonal		
<b>Cross-Reactivity:</b>	Reacts with both mouse and rat TGF-beta 1		
<b>Formulation:</b>	Lyophilized with 0.05% sodium azide.		
<b>Purification:</b>	Protein A purified		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add 500 µL sterile distilled water to the vial to fully solubilize the antibody to a concentration of 1.0 mg/mL.		
<b>Applications:</b>	Western Blot (WB), Immunohistochemistry (IHC)		
<b>Application Notes:</b>	<p><b>Western Blot:</b> working dilution of 1:2,000.  <b>Immunohistochemistry:</b> working dilution of 1:200-1:500.            The optimal concentration should be determined by the user for each application.</p>		
<b>Storage &amp; Stability:</b>	Store at 2-8 °C short term or in working aliquots at -20 °C for long term storage. <b>Avoid repeated freeze-thaw cycles.</b>		

Western Blot detection of TFGbeta-1 in RAW 264.7





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