

## TGF beta 1 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP14912
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Recombinant Protein of TGFβ1
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB
<b>Concentration</b>	N/A
<b>Full name</b>	Transforming growth factor beta-1
<b>Synonyms</b>	Transforming growth factor beta-1; TGFβ1; TGFβ; Transforming growth factor beta-1; TGF-beta-1

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

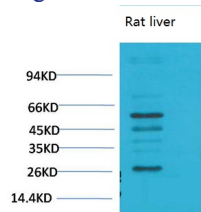
This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate a latency-associated peptide (LAP) and a mature peptide, and is found in either a latent form composed of a mature peptide homodimer, a LAP homodimer, and a latent TGF-beta binding protein, or in an active form consisting solely of the mature peptide homodimer. The mature peptide may also form heterodimers with other TGFβ family members. This encoded protein regulates cell proliferation, differentiation and growth, and can modulate expression and activation of other growth factors including interferon gamma and tumor necrosis factor alpha. This gene i

### Recommended Dilution

WB: 1: 1000 - 1: 2000

Not yet tested in other applications.

### Images



Western blot analysis of Rat Liver Tissue using TGFβ1 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

### Storage

-20°C for 1 year