

TGF beta 1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08145
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human TGF β 1 Polyclonal
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Transforming growth factor beta-1
Synonyms	Transforming growth factor beta-1 (TGF-beta-1) [Cleaved into: Latency-associated peptide (LAP)]; Transforming growth factor beta-1; TGF-beta-1; Latency-associated peptide; LAP;

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 TGFB 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

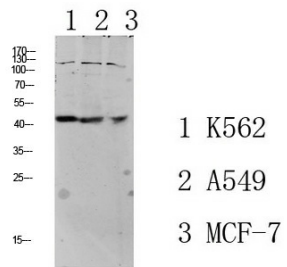
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000 - 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of various lysate, antibody was diluted at 1000. Secondary antibody was diluted at 1:20000

Storage

-20°C for 1 year

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