



Goat Anti-Amphibian TGF-beta 5 polyclonal antibody (CABT-L3188)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Detects TGF- beta 5 in direct ELISAs and Western blots. In direct ELISAs and Western blots, less than 1% cross-reactivity with the other TGF-beta variants is observed. Neutralizes the biological activity of recombinant amphibian TGF-beta 5, but not TGF-beta 1, porcine TGF-beta 1.2, TGF-beta 2, or TGF-beta 3.
Immunogen	S. frugiperda insect ovarian cell line Sf 21-derived recombinant amphibian TGF-beta 5; Gly271-Ser382
Isotype	IgG
Source/Host	Goat
Species Reactivity	Amphibian
Purification	Protein A or G purified
Conjugate	Unconjugated
Applications	ELISA, WB, Neut
Reconstitution	Reconstitute at 1 mg/mL in sterile PBS.
Format	Lyophilized
Size	1 mg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Preservative	None
Storage	Long time storage is recommended at -20°C.

BACKGROUND

Introduction

TGF-beta 5 is a member of the TGF-beta family of growth factors. These proteins are stable, multifunctional factors with a wide variety of effects on the growth and differentiation of virtually all cell types. These actions on growth or differentiation may be stimulatory or inhibitory, depending on the cell type, growth conditions, state of differentiation and on the presence of other growth factors. The full range of in vitro biological activities of TGF-beta 5 has not yet been explored. However, TGF-beta 1, TGF-beta 2, TGF-beta 3, and TGF-beta 5 have been found to be largely interchangeable in an inhibitory bioassay, and it is anticipated that TGF-beta 5 will show a spectrum of activities similar to the other TGF-beta family members.

Keywords

TGFbeta 5;TGF-beta 5

GENE INFORMATION

Synonyms

TGF beta 5; TGF-beta 5; Transforming Growth Factor Beta 5

Entrez Gene ID

[397778](#)

UniProt ID

[P16176](#)
