

TGF beta 1 Antibody

Catalog No: #29701

Package Size: #29701-1 50ul #29701-2 100ul

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Description

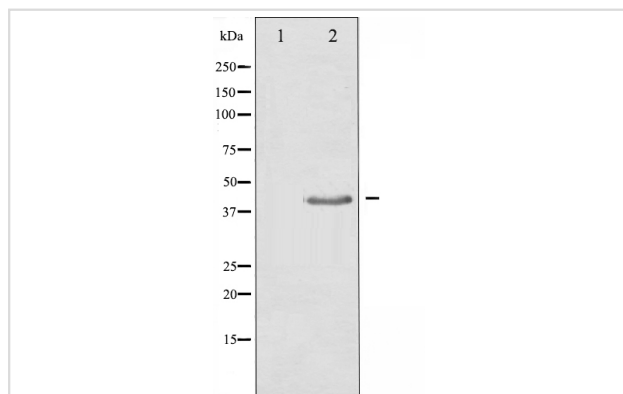
Product Name	TGF beta 1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity-chromatography
Applications	WB IHC
Species Reactivity	Human;Mouse;Rat
Specificity	TGF beta1 Antibody detects endogenous levels of total TGF beta protein.
Immunogen Type	Peptide
Immunogen Description	The antiserum was produced against synthesized peptide derived from human TGF beta.
Conjugates	Unconjugated
Target Name	TGF beta 1
Other Names	CED; diaphyseal dysplasia 1, progressive; DPD1; TGF-beta 1; TGFB.TGF-BETA
Accession No.	Swiss-Prot#: P01137
Calculated MW	44kDa
Concentration	1.0mg/ml
Formulation	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol
Storage	Store at -20°C/1 year

Application Details

WB: 1:500~1:2000

IHC: 1:50~1:200

Images



Western blot analysis of extracts from HepG2 cells, using TGF beta Antibody. The lane on the left is treated with the synthesized peptide.

Background

Multifunctional protein that controls proliferation, differentiation and other functions in many cell types. Many cells synthesize TGFB1 and have specific

receptors for it. It positively and negatively regulates many other growth factors.

Published Papers

JingBei Zhang;HongLiu Jin;XiaoYing Feng;Senling Feng;WenTing Zhu;HongMei Nan;ZhongWen Yuan et al., The combination of Lonicerae Japonicae Flos and Forsythiae Fructus herb-pair alleviated inflammation in liver fibrosis, , (2022)
[PMID:36059967](#)

Du Xinran;Zhao Yue;Li Jingbo;Xie Wenli;Lyu Linna;Chen Shuyin;Jia Chaofeng;Yan Jie;Li Peng et al., Expression Patterns of TGF-β1 , TβR-I , TβR-II, and Smad2 Reveal Insights into Heterosis for Growth of Hybrid Offspring between Acanthopagrus schlegelii and Pagrus major, , (2024)
[PMID:](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.