

## TGFβ1 Polyclonal Antibody

Catalog No: #41494



Package Size: #41494-1 50ul #41494-2 100ul

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## Description

Product Name	TGFβ1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF ELISA
Species Reactivity	Hu Ms Rt
Specificity	TGFβ1 Polyclonal Antibody detects endogenous levels of TGFβ1 protein.
Immunogen Type	peptide
Immunogen Description	Synthesized peptide derived from the C-terminal region of human TGFβ1.
Target Name	TGFβ1
Other Names	TGFB1; TGFB; Transforming growth factor beta-1; TGF-beta-1
Accession No.	Swiss-Prot: P01137NCBI Gene ID: 7040
SDS-PAGE MW	44kd
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

## Application Details

Western Blot: 1/500 - 1/2000.

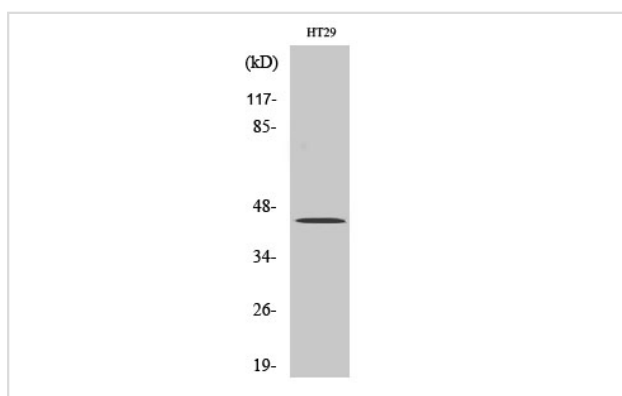
Immunohistochemistry: 1/100 - 1/300.

Immunofluorescence: 1/200 - 1/1000.

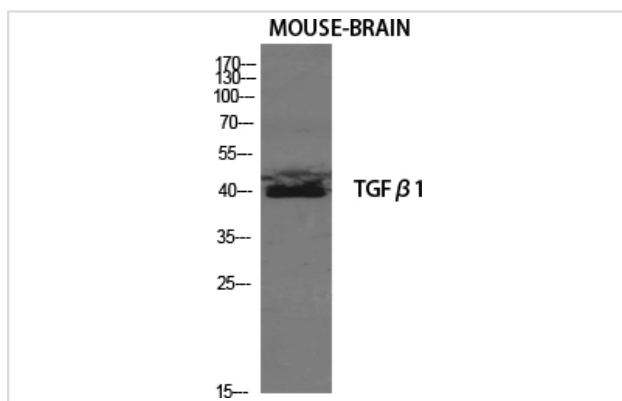
ELISA: 1/20000.

Not yet tested in other applications.

## Images



Western Blot analysis of MCF7 cells using TGFβ1 Polyclonal Antibody



Western Blot analysis of mouse-brain cells using TGFβ1 Polyclonal Antibody

## Published Papers

el at., Decorin: a potential therapeutic candidate for ligamentum flavum hypertrophy by antagonizing TGF-β1 In Exp Mol Med On 2023 Jul by Shanxi

Wang 1, Yunkun Qu 1, et al.. PMID: 37394592, , (2023)

[PMID:37394592](#)

el at., Promotion effect of TGF-β-Zfp423-ApoD pathway on lip sensory recovery after nerve sacrifice caused by nerve collateral compensation In Int J

Oral Sci On 2023 Jun 8 by Pingchuan Ma?#?1,?Gaowei Zhang? et al.. PMID: 37286538, , (2023)

[PMID:37286538](#)

el at., TGF β1 mediated Smad signaling pathway and EMT in hepatic fibrosis induced by Nano NiO in vivo and in vitro. In Environ Toxicol on 2020 Apr

by Zhang Q, Chang X ,et al.. PMID: 31737983, , (2020)

[PMID:31737983](#)

el at., Soluble advanced glycosylation receptor is a potential target for the treatment of neutrophilic asthma., , (2020)

[PMID:](#)

el at., DL-3-n-Butylphthalide reduces atrial fibrillation susceptibility by inhibiting atrial structural remodeling in rats with heart failure. In Naunyn

Schmiedebergs Arch Pharmacol. On 2018 Mar by Qiu H, Wu H et al.. PMID: 29290021, , (2018)

[PMID:29290021](#)

el at., Angiotensin II Induces Connective Tissue Growth Factor Expression in Human Hepatic Stellate Cells by a Transforming Growth Factor

ε<sup>Y</sup>-Independent Mechanism. In Sci Rep on 2017 Aug 10 by Ao Li Jingyao Zhang, et al.. PMID: 28798388, , (2017)

[PMID:28798388](#)

el at., High glucose increases Cdk5 activity in podocytes via transforming growth factor-ε<sup>Y1</sup> signaling pathway. In Exp Cell Res on 2014 Aug 15 by

Yue Zhang, Hongbo Li et al.. PMID: 24768698, , (2014)

[PMID:24768698](#)

el at., Protective response against type 1 diabetes in nonobese diabetic mice after coimmunization with insulin and DNA encoding proinsulin. In Hum

Gene Ther on 2010 Feb by Wenjuan Zhang, Huali Jin, et al.. PMID: 19788384, , (2010)

[PMID:19788384](#)

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