

TGFB1 Rabbit Polyclonal Antibody

Catalog No: #41494

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

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	TGFB1 Rabbit 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	Human;Mouse;Rat
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.
Conjugates	Unconjugated
Target Name	TGFβ1
Other Names	TGFB1; TGFB; Transforming growth factor beta-1; TGF-beta-1
Accession No.	Swiss-Prot: P01137NCBI Gene ID: 7040
Calculated MW	44kDa
SDS-PAGE MW	12kD,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.

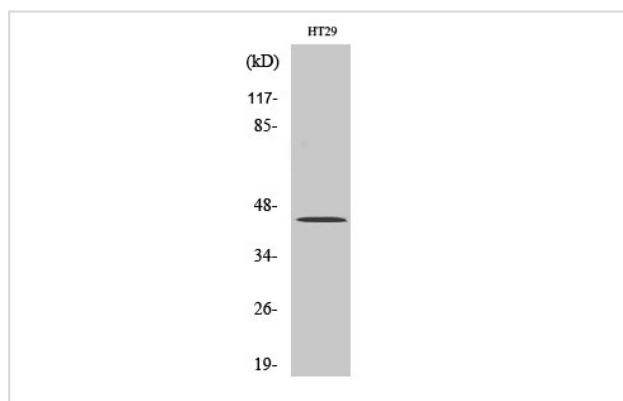
Immunohistochemistry: 1/100 - 1/300.

Immunofluorescence: 1/200 - 1/1000.

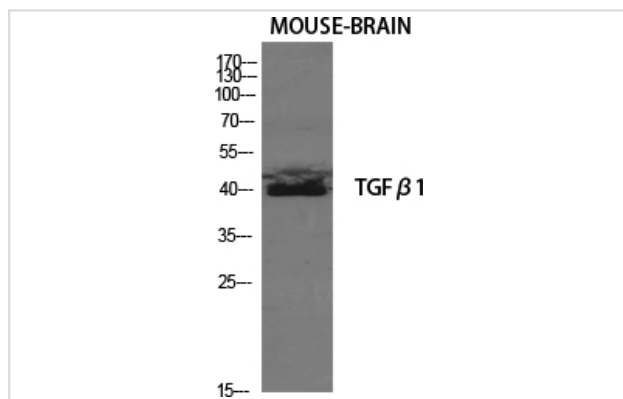
ELISA: 1/20000.

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., 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., 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., 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)

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el at., Angiotensin II Induces Connective Tissue Growth Factor Expression in Human Hepatic Stellate Cells by a Transforming Growth Factor ε^oY-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^oY1 signaling pathway. In Exp Cell Res on 2014 Aug 15 by Yue Zhang, Hongbo Li et al.. PMID: 24768698, , (2014)

[PMID:24768698](#)

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

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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)

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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:

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

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