

TGFBR1 Polyclonal Antibody

Product Details	
Size	500 µL
Published Species	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to internal region of human TGF beta R1.
Form	Liquid
Concentration	1.0 mg/mL
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2550094

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	3 Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	Assay-dependent	-
Immunocytochemistry (ICC/IF)	1:500	2 Publications

Product Specific Information

Heat-mediated antigen retrieval is recommended prior to staining, using a 10mM citrate buffer, pH 6.0, for 10 minutes followed by cooling at room temperature for 20 min. Following antigen retrieval, incubate samples with primary antibody for 30 min at room temperature. A suggested positive control is placenta tissue.

Western Blot (3)

Scientific reports

Complex fibroblast response to glucocorticoids may underlie variability of clinical efficacy in the vocal folds.

"Published figure using TGFBR1 polyclonal antibody (Product # PA5-32631) in Western Blot"

Authors: Nakamura R,Mukudai S,Bing R,Garabedian MJ,Branski RC

Year
2020

Nature communications

Fibroblast-enriched endoplasmic reticulum protein TXNDC5 promotes pulmonary fibrosis by augmenting TGF signaling through TGFBR1 stabilization.

"PA5-32631 was used in Western Blotting to show that an ER protein disulfide isomerase, thioredoxin domain containing 5 (TXNDC5), is highly upregulated in the lung tissues from both patients with idiopathic pulmonary fibrosis and a mouse model of bleomycin (BLM)-induced PF."

Authors: Lee TH,Yeh CF, Lee YT,Shih YC,Chen YT,Hung CT,You MY,Wu PC,Shentu TP,Huang RT,Lin YS,Wu YF,Lin SJ,Lu FL,Tsao PN,Lin TH,Lo SC,Tseng YS,Wu WL,Chen CN,Wu CC,Lin SL,Sperling AI,Guzy RD,Fang Y,Yang KC

Year
2020

Species
Mouse

Dilution
1:1000

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Immunohistochemistry (1)

FASEB journal : official publication of the Federation of American Societies for Experimental Biology

Human osteoarthritis cartilage-derived stromal cells activate joint degeneration through TGF-beta lateral signaling.

"PA5-32631 was used in Immunohistochemistry to find that TGF- had different effects on OA-MSC and OAC, and reveal its lateral signaling mechanism in OA."

Authors: Liu W,Feng M,Jayasuriya CT,Peng H,Zhang L,Guan Y,Froehlich JA,Terek RM,Chen Q

Year
2020

Species
Human

Immunocytochemistry (2)

OncoTargets and therapy

TAGLN and High-mobility Group AT-Hook 2 (HMGA2) Complex Regulates TGF--induced Colorectal Cancer Metastasis.

"PA5-32631 was used in Immunocytochemistry to investigate the role of transgelin and high-mobility group AT-hook 2 in the progression of colon cancer."

Authors: Zhou H,Li L,Xie W,Wu L,Lin Y,He X

Year
2022

Species
Human

Dilution
1:100

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