

Resource Summary Report

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TGF beta Receptor I antibody

RRID:AB_778352

Type: Antibody

Proper Citation

(Abcam Cat# ab31013, RRID:AB_778352)

Antibody Information

URL: http://antibodyregistry.org/AB_778352

Proper Citation: (Abcam Cat# ab31013, RRID:AB_778352)

Target Antigen: TGF beta Receptor I

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunohistochemistry; Western Blot; Immunohistochemistry-P, Western Blot

Antibody Name: TGF beta Receptor I antibody

Description: This polyclonal targets TGF beta Receptor I

Target Organism: human, mouse, rat

Antibody ID: AB_778352

Vendor: Abcam

Catalog Number: ab31013

Ratings and Alerts

No rating or validation information has been found for TGF beta Receptor I antibody.

No alerts have been found for TGF beta Receptor I antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Zhu X, et al. (2023) Acetate controls endothelial-to-mesenchymal transition. Cell metabolism, 35(7), 1163.

Liu P, et al. (2023) Aggravated hepatic fibrosis induced by phenylalanine and tyrosine was ameliorated by chitoooligosaccharides supplementation. iScience, 26(10), 107754.

Zhang W, et al. (2022) Nicotinamide N-methyltransferase ameliorates renal fibrosis by its metabolite 1-methylnicotinamide inhibiting the TGF- β 1/Smad3 pathway. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 36(3), e22084.

Sun L, et al. (2022) PD-L1 promotes myofibroblastic activation of hepatic stellate cells by distinct mechanisms selective for TGF- β receptor I versus II. Cell reports, 38(6), 110349.

Wu B, et al. (2021) The TGF- β superfamily cytokine Activin-A is induced during autoimmune neuroinflammation and drives pathogenic Th17 cell differentiation. Immunity, 54(2), 308.

Chen X, et al. (2021) Identification of novel biomarkers for arthrofibrosis after total knee arthroplasty in animal models and clinical patients. EBioMedicine, 70, 103486.

Schilpp C, et al. (2021) TGF- β 1 increases permeability of ciliated airway epithelia via redistribution of claudin 3 from tight junction into cell nuclei. Pflügers Archiv : European journal of physiology, 473(2), 287.

Monteiro DA, et al. (2021) Fluid shear stress generates a unique signaling response by activating multiple TGF β family type I receptors in osteocytes. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 35(3), e21263.

Shrestha N, et al. (2020) Sel1L-Hrd1 ER-associated degradation maintains β cell identity via TGF- β signaling. The Journal of clinical investigation, 130(7), 3499.

Yoon S, et al. (2020) TGF- β -Induced Phosphorylation of Usp9X Stabilizes Ankyrin-G and Regulates Dendritic Spine Development and Maintenance. Cell reports, 31(8), 107685.

Carofino BL, et al. (2019) Head and neck squamous cancer progression is marked by CLIC4 attenuation in tumor epithelium and reciprocal stromal upregulation of miR-142-3p, a novel post-transcriptional regulator of CLIC4. Oncotarget, 10(68), 7251.

Liou CJ, et al. (2019) Altered Brain Expression of Insulin and Insulin-Like Growth Factors in Frontotemporal Lobar Degeneration: Another Degenerative Disease Linked to Dysregulation of Insulin Metabolic Pathways. *ASN neuro*, 11, 1759091419839515.

Lively S, et al. (2018) Comparing Effects of Transforming Growth Factor β 1 on Microglia From Rat and Mouse: Transcriptional Profiles and Potassium Channels. *Frontiers in cellular neuroscience*, 12, 115.

Dave JM, et al. (2018) Pericyte ALK5/TIMP3 Axis Contributes to Endothelial Morphogenesis in the Developing Brain. *Developmental cell*, 44(6), 665.

Abud EM, et al. (2017) iPSC-Derived Human Microglia-like Cells to Study Neurological Diseases. *Neuron*, 94(2), 278.