

Product Datasheet

TGF-beta 1 Antibody NBP1-45891-0.025mg

Unit Size: 0.025 mg

Store at 4C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NBP1-45891-0.025mg

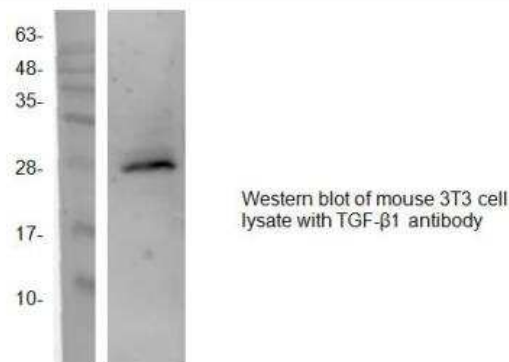
TGF-beta 1 Antibody

Product Information	
Unit Size	0.025 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2), 0.5% BSA, 30% Glycerol
Product Description	
Description	This product is manufactured by Abcam and distributed by Novus Biologicals. (Abcam Catalog Number: ab92486)
Host	Rabbit
Gene ID	7040
Gene Symbol	TGFB1
Species	Human, Mouse, Rat, Porcine
Immunogen	Synthetic peptide surrounding amino acid 374 of human TGF beta 1.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 0.5 - 4 ug/mL, Immunocytochemistry/ Immunofluorescence
Application Notes	Use in Immunocytochemistry/Immunofluorescence reported in scientific literature (PMID:32024825).

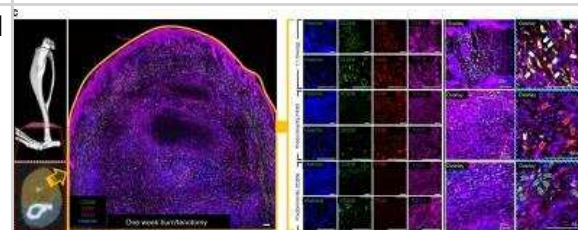


Images

Western Blot: TGF-beta 1 Antibody [NBP1-45891] - Mouse 3T3 cell lysate with TGF-beta 1 antibody.



Immunocytochemistry/Immunofluorescence: TGF-beta 1 Antibody [NBP1-45891] - Co-localization of F4/80+ and TGF-B1 at tendon injury site 1 week after burn/tenotomy. Scale bars correspond to 100um. d Left: Co-localization of CD68+ and TGF-B1 in early human HO. Right: Co-localization of p-SMAD2 and PDGFRa in human HO. Image collected and cropped by CiteAb from the following publication ([nature.com/articles/s41467-019-14172-4](https://www.nature.com/articles/s41467-019-14172-4)), licensed under a CC-BY license.



Publications

Chen W, Pilling D, Gomer RH The mRNA binding protein DDX3 mediates TGF- β 1 upregulation of translation and promotes pulmonary fibrosis JCI insight 2023-02-23 [PMID: 36821384] (IHC-Fr, Mouse)

Jo YH, Lee H, Oh MH et al. Antioxidant and hepatoprotective effects of Korean ginseng extract GS-KG9 in a D-galactosamine-induced liver damage animal model Nutr Res Pract 2020-08-09 [PMID: 32765814]

Park MH, Kwon SY, Choi JE et al. Intratumoral CD103-positive tumor-infiltrating lymphocytes are associated with favorable prognosis in patients with triple-negative breast cancer Histopathology 2020-04-25 [PMID: 32333690]

Bourdon R Regulation of epinephrine biosynthesis by intermittent and continuous hypoxia Nat Commun 2020-02-07 [PMID: 32024825] (ICC/IF, Mouse)

Huber AK, Sorkin M, Hwang C, et al. Regulation of heterotopic ossification through local inflammatory monocytes in a mouse model of aberrant wound healing bioRxiv (ICC/IF, Mouse)

Jin M, Lee J, Lee Ky et al. Alteration of TGF-beta-ALK-Smad signaling in hyperoxia-induced bronchopulmonary dysplasia model of newborn rats. Exp. Lung Res. 2016-09-12 [PMID: 27618520] (WB)

Wang Y, Huang X, Tang Y et al. Effects of panax notoginseng saponins on the osteogenic differentiation of rabbit bone mesenchymal stem cells through TGF-beta1 signaling pathway. BMC Complement Altern Med. 2016-08-26 [PMID: 27561678] (WB)



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