

# Product Datasheet

## TGF-beta 1 Antibody NBP1-67698-0.1ml

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-67698-0.1ml**

TGF-beta 1 Antibody

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> , pH 7.4), 0.15M NaCl and 50% Glycerol
Target Molecular Weight	44 kDa

Product Description	
Host	Rabbit
Gene ID	7040
Gene Symbol	TGFB1
Species	Human, Mouse, Rat, Hamster
Reactivity Notes	Hamster reactivity reported in scientific literature (PMID: 23531149).
Immunogen	The antiserum was produced against synthesized peptide derived from human TGF beta1. The immunogen region is: C-terminal.

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, ELISA 1:5000, Immunohistochemistry 1:50-1:100, Immunohistochemistry-Paraffin 1:50-1:100

**Publications**

Li SS, He AL, Deng ZY, Liu QF. Ginsenoside-Rg1 Protects against Renal Fibrosis by Regulating the Klotho/TGF- $\beta$ 1/Smad Signaling Pathway in Rats with Obstructive Nephropathy. *Biol. Pharm. Bull.* 2018-04-03 [PMID: 29607931] (Rat)

HusSain SM, Reed LF, Krasnick BA et al. IL23 and TGF- $\beta$  diminish macrophage associated metastasis in pancreatic carcinoma. *Sci Rep* 2018-04-11 [PMID: 29643359] (IHC-P, Human)

Wang H, Lewsadder M, Dorn E et al. RanBP9 overexpression reduces dendritic arbor and spine density. *Neuroscience* 2014-04-18 [PMID: 24486966] (WB)

Palavicini JP, Wang H, Bianchi E et al. RanBP9 aggravates synaptic damage in the mouse brain and is inversely correlated to spinophilin levels in Alzheimer's brain synaptosomes. *Cell Death Dis* 2013-06-13 [PMID: 23764848] (WB, Mouse, Human)

Hayes CD, Dey D, Palavicini JP et al. Striking reduction of amyloid plaque burden in an Alzheimer's mouse model after chronic administration of carmustine *BMC Med* 2013-03-26 [PMID: 23531149] (WB, Hamster)





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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