

# Product Datasheet

## **Smad7 Antibody** **NBP1-03163**

Unit Size: 0.05 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### **Publications: 1**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-03163](http://www.novusbio.com/NBP1-03163)

Updated 9/27/2011 v.20.1

**NBP1-03163**

Smad7 Antibody

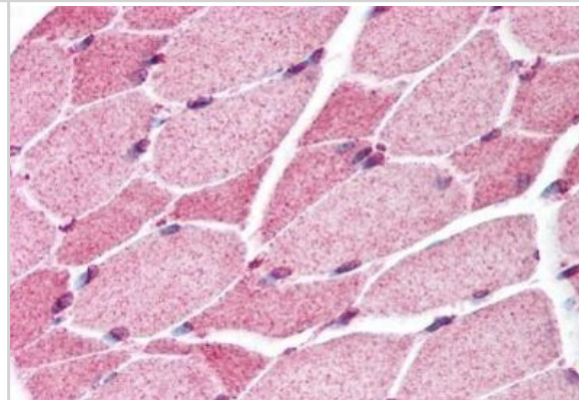
Product Information	
Unit Size	0.05 ml
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Purity	Protein G purified
Buffer	PBS, 0.05% BSA

Product Description	
Host	Rabbit
Gene ID	4092
Gene Symbol	SMAD7
Species	Human, Mouse, Rat
Species Reactivity	Predicted cross-reactivity based on sequence identity: Monkey, Bovine, Dog, Bat, Panda (100%); Mouse, Rat, Rabbit, Pig, Platypus (94%).
Specificity/Sensitivity	Two synthetic peptides corresponding to aa 12-18 (RLWRSRAPGGEGDEEEGAG) and amino acids 36-50 (ELRGEGATDSRAHGA) of human SMAD7; GenBank Accession no. AAB81354.1. This sequence is 100% or highly conserved between human and multiple species.
Immunogen	Two synthetic peptides corresponding to aa 12-18 (RLWRSRAPGGEGDEEEGAG) and amino acids 36-50 (ELRGEGATDSRAHGA) of human SMAD7; GenBank Accession no. AAB81354.1. This sequence is 100% or highly conserved between human and multiple species.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 10 ug/ml, Western Blot 1:500-1:1000
Application Notes	This antibody is useful for the following applications and at the following dilutions: Western Blot 1:500-1:1000, Immunohistochemistry-Paraffin 10 ug/ml

**Images**

Immunohistochemistry-Paraffin: SMAD7 Antibody [NBP1-03163] - Staining of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.



## Publications

Liao Y, Zhang M, Lonnerdal B. Growth factor TGF- $\beta$  induces intestinal epithelial cell (IEC-6) differentiation: miR-146b as a regulatory component in the negative feedback loop. *Genes Nutr.* 2012 May 9. [PMID: 22570175] (WB, Rat)





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### **Products Related to NBP1-03163**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
NB7160	Goat anti-Rabbit IgG Antibody [HRP]
H00004092-Q01-10ug	Smad7 Partial Recombinant Protein
NBP2-29323	NFkB p105/p50 Inhibitor Peptide Set

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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.

**For more information on our guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee).**

