

Product Datasheet

SMAD1/5/8/9 Antibody - BSA Free NB600-962

Unit Size: 0.1 mg

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

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Publications: 1

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NB600-962**SMAD1/5/8/9 Antibody - BSA Free**

Product Information	
Unit Size	0.1 mg
Concentration	1.0 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
Isotype	IgG
Purity	Protein G purified
Buffer	PBS

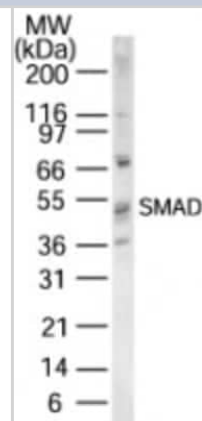
Product Description	
Description	Novus Biologicals Rabbit SMAD1/5/8/9 Antibody - BSA Free (NB600-962) is a polyclonal antibody validated for use in WB. Anti-SMAD1/5/8/9 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4086
Gene Symbol	SMAD1
Species	Human, Mouse, Rat
Reactivity Notes	Predicted to react with Chicken, Chimpanzee, Invertebrates, Mammals, Porcine, Xenopus and Zebrafish.
Specificity/Sensitivity	The amino acid sequences used to make this antibody are 100% conserved between SMAD1/5/8/9. Therefore, the antibody recognizes SMADs 1, 5, 8, and 9. The antibody may cross-react with SMAD2 or 3. The actual SMADs detected with this antibody may vary according to cell or tissue-type specific expression.
Immunogen	This antibody was raised against two synthetic peptides corresponding to amino acids 18-32 (LGWKQGDEEEKWAEK) and amino acids 315-329 (SNVNRNSTIENTRRH) of human SMAD1. GenBank Accession No. AAP36050.1. They are 100% conserved or highly conserved between human and multiple species.

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 0.5 - 2 ug/ml
Application Notes	Western Blot: Detects a band of approximately 52 kDa.



Images

Western Blot: SMAD1/5/8/9 Antibody [NB600-962] - Analysis using SMAD antibody. Lysate from A549 cells probed with antibody at 0.5 ug/ml. I goat anti-rabbit Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



Publications

Yoshihara T, Dobashi S, Takaragawa M, Naito H Effect of losartan treatment on Smad signaling and recovery from hindlimb unloading-induced soleus muscle atrophy in female rats *European journal of pharmacology* 2022-09-15 [PMID: 35988789] (WB, Rat)



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Products Related to NB600-962

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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