

# Product Datasheet

## Wnt3 Antibody NB100-40793

Unit Size: 0.1 mg

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

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### Publications: 2

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**NB100-40793**

## Wnt3 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat Wnt3 Antibody (NB100-40793) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Wnt3 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	7473
Gene Symbol	WNT3
Species	Human
Immunogen	Peptide with sequence CGRGHNTRTEKRKEK corresponding to internal region according to NP_110380.1.

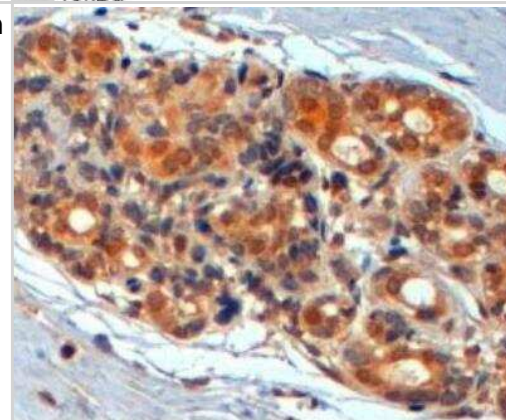
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1 - 3 ug/ml, ELISA Detection limit 1:16000, Immunohistochemistry 2-4 ug/ul, Immunohistochemistry-Paraffin 2-4 ug/ml
Application Notes	Western blot: Approx 40 kDa band observed in lysates of cell line HEK293 (calculated MW of 39.6 kDa according to NP_110380.1). IHC: In paraffin embedded Human Breast shows cytoplasm staining in some luminal epithelial cells.

## Images

Western Blot: Wnt3 Antibody [NB100-40793] - HEK293 cell lysate (35 ug protein in RIPA buffer). Primary antibody at 1 ug/ml, 1 hr incubation. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

Immunohistochemistry-Paraffin: Wnt3 Antibody [NB100-40793] - Paraffin embedded human breast tissue. Antibody at 2 ug/ml. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.



## Publications

Schmitt AM, Shi J, Wolf AM et al. Wnt-Ryk signalling mediates medial-lateral retinotectal topographic mapping. Nature 2006-01-05 [PMID: 16280981]

Okamoto M, Inoue K, Iwamura H et al. Reduction in paracrine Wnt3 factors during aging causes impaired adult neurogenesis. FASEB J 2011-10-01 [PMID: 21746862]



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### **Products Related to NB100-40793**

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NBL1-17869	Wnt3 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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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