

# Product Datasheet

## ACTL7B Antibody NB100-57848

Unit Size: 0.1 mg

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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**NB100-57848**

## ACTL7B 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
Target Molecular Weight	45 kDa

Product Description	
Description	Novus Biologicals Goat ACTL7B Antibody (NB100-57848) is a polyclonal antibody validated for use in WB and ELISA. Anti-ACTL7B Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	10880
Gene Symbol	ACTL7B
Species	Rat
Specificity/Sensitivity	This antibody is not expected to cross-react with Actin-like 7A.
Immunogen	Peptide with sequence C-DELHVDYELPDGK corresponding to internal region according to NP_079547.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.5 - 1.5 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 45 kDa band observed in rat testis lysates (calculated MW of 45.5 kDa band according to rat NP_001020588.1 and 45.6 kDa band according to mouse NP_079547.1). An additional band of unknown identity was also consistently observed at 30 kDa. This band was successfully blocked by incubation with the immunizing peptide.

**Images**

Western Blot: ACTL7B Antibody [NB100-57848] - (0.5ug/ml) staining of Rat Testes lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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

## Publications

Chadwick BP, Mull J, Helbling LA et al. Cloning, mapping, and expression of two novel actin genes, actin-like-7A (ACTL7A) and actin-like-7B (ACTL7B), from the familial dysautonomia candidate region on 9q31. *Genomics* 1999-06-15 [PMID: 10373328]





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### **Products Related to NB100-57848**

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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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