

# Product Datasheet

## ACTR1A Antibody NB100-1423

Unit Size: 0.1 mg

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

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### Publications: 1

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**NB100-1423**

## ACTR1A 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	43 kDa

Product Description	
Description	Novus Biologicals Goat ACTR1A Antibody (NB100-1423) is a polyclonal antibody validated for use in WB and ELISA. Anti-ACTR1A Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	10121
Gene Symbol	ACTR1A
Species	Human
Specificity/Sensitivity	This epitope was selected to minimise the chance of cross-reactivity with ACTR1B (YEEDGSRAIHRKT).
Immunogen	Peptide with sequence C-YEEDGARSIIHRKT corresponding to C-Terminus according to NP_005727.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Peptide ELISA Detection limit 1:1000
Application Notes	WB: Approx. 45 kDa band observed in human kidney lysates (calculated MW of 42.6 kDa band according to NP_005727.1).

## Images

Western Blot: ACTR1A Antibody [NB100-1423] - Analysis of ACTR1A in human kidney lysate using NB100-1423 at 2ug/ml (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa  
10kDa

Western Blot: ACTR1A Antibody [NB100-1423] - Analysis of ACTR1A in human kidney lysate using NB100-1423 at 2ug/ml (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa  
10kDa

## Publications

Lees-Miller JP, Helfman DM, Schroer TA. A vertebrate actin-related protein is a component of a multisubunit complex involved in microtubule-based vesicle motility. *Nature* 1992-09-17 [PMID: 1528266]



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### **Products Related to NB100-1423**

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NB820-59177	Human Brain Whole Tissue Lysate (Adult Whole Normal)
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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