

# Product Datasheet

## ACTR1B Antibody NB100-1424

Unit Size: 0.1 mg

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

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### Publications: 1

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**NB100-1424**

## ACTR1B Antibody

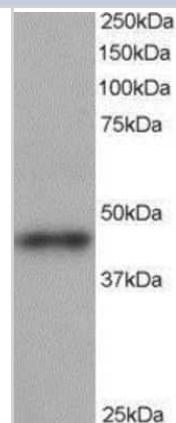
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Target Molecular Weight	42 kDa

Product Description	
Host	Goat
Gene ID	10120
Gene Symbol	ACTR1B
Species	Human
Specificity/Sensitivity	This epitope was selected to minimise the chance of cross-reactivity with ACTR1A (YEEDGARSIRHKT).
Immunogen	Peptide with sequence C-YEEDGSRAIHRKT corresponding to C-Terminus according to NP_005726.1.

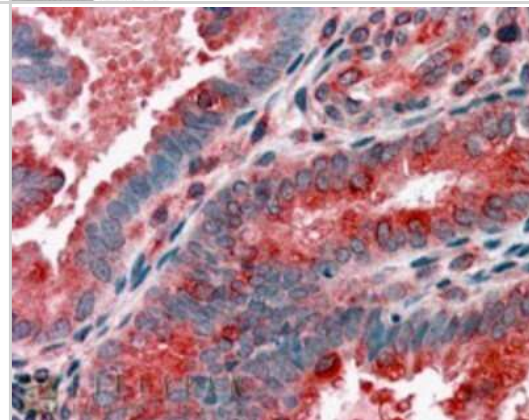
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.5 - 2 ug/ml, Immunohistochemistry 3 - 5 ug/ml, Immunohistochemistry-Paraffin 3 - 5 ug/ml, Peptide ELISA Detection limit 1:128000
Application Notes	WB: Approx. 45 kDa band observed in human heart and brain lysates (predicted MW of 43 kDa band according to NP_005726). IHC-P: Human uterus shows fibrillar staining of cytoplasm in endometrial cells.

## Images

Western Blot: ACTR1B Antibody [NB100-1424] - (1ug/ml) Analysis human heart lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Immunohistochemistry: ACTR1B Antibody [NB100-1424] - (3.8ug/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Clark SW, Staub O, Clark IB et al. Beta-centractin: characterization and distribution of a new member of the centractin family of actin-related proteins. *Mol Biol Cell* 1994-12-01 [PMID: 7696711]



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### **Products Related to NB100-1424**

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NB820-59217	Human Heart Whole Tissue Lysate (Adult Whole Normal)
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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