

# Product Datasheet

## BPOZ Antibody NB100-836

Unit Size: 0.1 mg

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

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### Publications: 1

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**NB100-836**

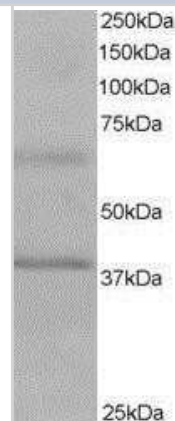
BPOZ Antibody

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	
Host	Goat
Gene ID	80325
Gene Symbol	ABTB1
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise all reported isoforms (NP_115937.1; NP_742024.1; NP_742025.1).
Immunogen	Peptide with sequence RALEDLLVSIQGLDC corresponding to C-Terminus according to NP_115937.1, NP_742024.1, NP_742025.1.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/mL, Immunohistochemistry 3 - 5 ug/mL, Immunohistochemistry-Paraffin 3 - 5 ug/mL, Peptide ELISA Detection limit 1:32000

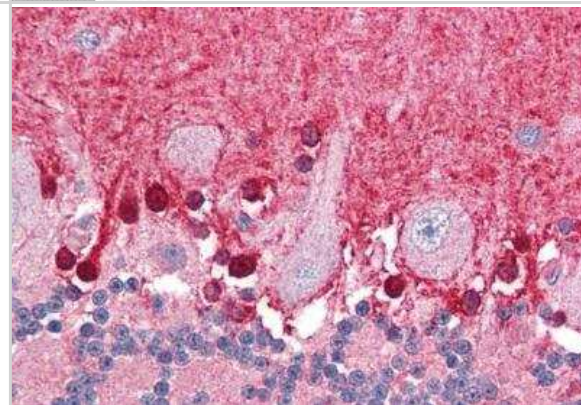


## Images

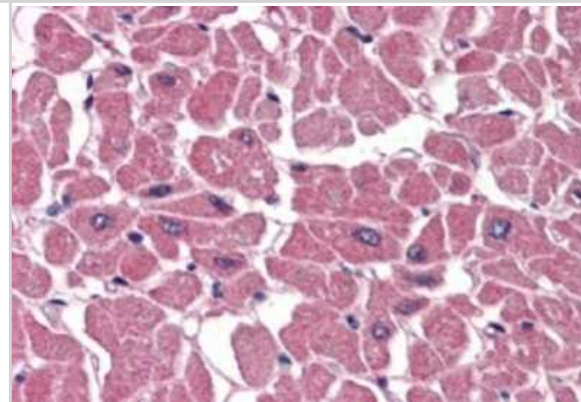
Western Blot: BPOZ Antibody [NB100-836] - Staining of Human Heart lysate with antibody at 1 ug/mL (RIPA buffer, 35 ug total protein). Primary incubated for 1 hour. Detected by chemiluminescence. Approx 38 kDa band observed in Human Heart lysates, and approx. 50 kDa in preliminary testing of MCF7 cell lysate (calculated MW of 37.6 kDa according to NP\_115937.1 and 54 kDa according to ; NP\_742024.1). An additional band was also consistently observed at 65-70 kDa. and was successfully blocked by incubation with the immunizing peptide.



Immunohistochemistry-Paraffin: BPOZ Antibody [NB100-836] - Staining of paraffin embedded Human Cerebellum with antibody at 3.75 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: BPOZ Antibody [NB100-836] - Staining of paraffin embedded Human Heart with antibody at 3.75 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Unoki M, Nakamura Y. Growth-suppressive effects of BPOZ and EGR2, two genes involved in the PTEN signaling pathway. *Oncogene* 2001-07-01 [PMID: 11494141]



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### **Products Related to NB100-836**

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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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