

# Product Datasheet

## GRB2 Antibody NB100-866

Unit Size: 0.1 mg

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

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### Publications: 1

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**NB100-866**

## GRB2 Antibody

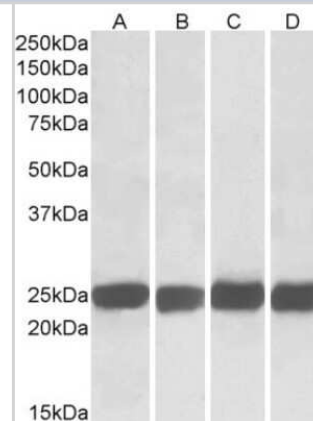
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	2885
Gene Symbol	GRB2
Species	Human, Mouse, Rat, Porcine
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_002077.1 and NP_987102.1).
Immunogen	Peptide with sequence C-PRNYVTPVNRNV corresponding to C-Terminus according to NP_987102.1.

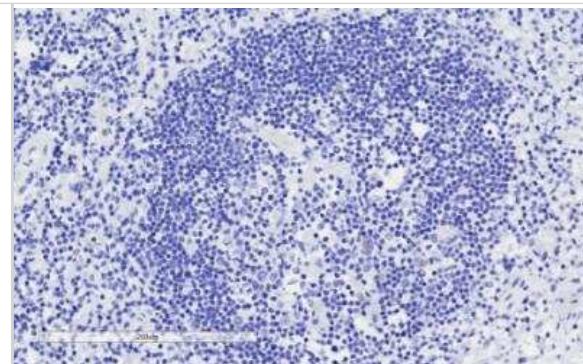
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.05-0.15 ug/ml, Immunohistochemistry 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Peptide ELISA detection limit 1:32000
Application Notes	WB: Approx. 26 kDa band observed in MOLT4 lysates, of human thymus and of human, mouse, rat, porcine brain and spleen lysates (calculated MW of 25.2 kDa band according to human NP_002077.1 and according to rat NP_110473.2). IHC-P: Human tonsil stains mantle zone and to a lesser extent germinal centre. Data obtained by previous batch (different goat). Islets of Langerhans of human pancreas is specifically stained.

**Images**

Western Blot: GRB2 Antibody [NB100-866] - (0.05ug/ml) staining of Mouse (A+C) and Rat (B+D) Brain (A+B) and Spleen (C+D) lysates (35ug total protein in RIPA buffer). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



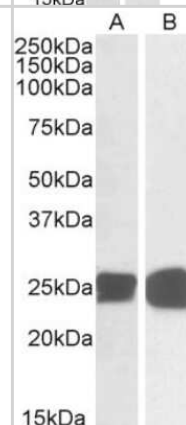
Immunohistochemistry-Paraffin: GRB2 Antibody [NB100-866] - Negative Control showing staining of paraffin embedded Human Lymph Node, with no primary antibody.



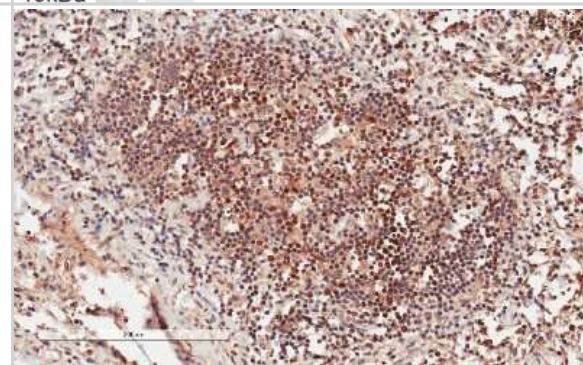
Western Blot: GRB2 Antibody [NB100-866] - (0.03ug/ml) staining of Human (A) and Pig (B) Spleen lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blot: GRB2 Antibody [NB100-866] - (0.05ug/ml) staining of Human Thymus (A) and Molt4 (B) lysates (35ug total protein in RIPA buffer). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Immunohistochemistry-Paraffin: GRB2 Antibody [NB100-866] - (1ug/ml) staining of paraffin embedded Human Lymph Node. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.



## Publications

Lowenstein EJ, Daly RJ, Batzer AG et al. The SH2 and SH3 domain-containing protein GRB2 links receptor tyrosine kinases to ras signaling. *Cell* 1992-08-07 [PMID: 1322798]



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### **Products Related to NB100-866**

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NBL1-11326	GRB2 Overexpression Lysate
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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