

# Product Datasheet

## GRB2 Antibody NB100-866

Unit Size: 0.1 mg

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

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**NB100-866**

GRB2 Antibody

**Product Information**

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

**Product Description**

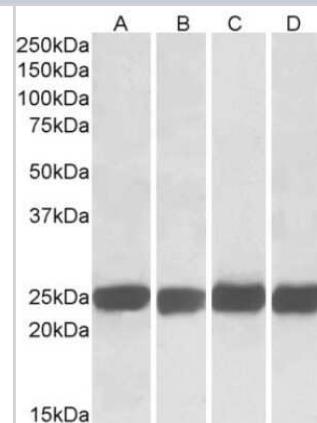
<b>Description</b>	Novus Biologicals Goat GRB2 Antibody (NB100-866) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-GRB2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	2885
<b>Gene Symbol</b>	GRB2
<b>Species</b>	Human, Mouse, Rat, Porcine
<b>Specificity/Sensitivity</b>	This antibody is expected to recognize both reported isoforms (NP_002077.1 and NP_987102.1).
<b>Immunogen</b>	Peptide with sequence C-PRNYVTPVNRNV corresponding to C-Terminus according to NP_987102.1.

**Product Application Details**

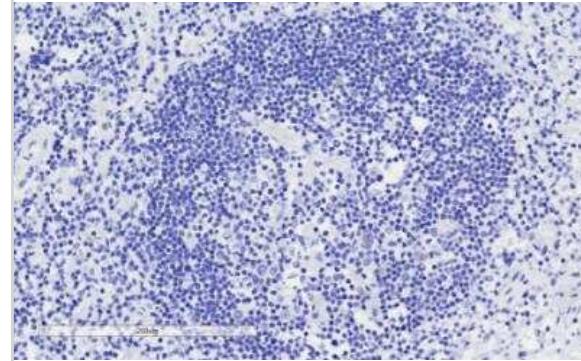
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.05-0.15 ug/ml, Immunohistochemistry 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Peptide ELISA detection limit 1:32000
<b>Application Notes</b>	WB: Approx. 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.



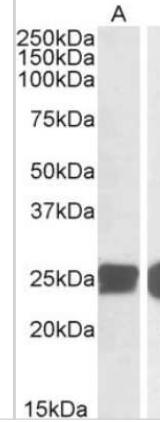
Immunohistochemistry-Paraffin: GRB2 Antibody [NB100-866] - Negative Control showing staining of paraffin embedded Human Lymph Node, with no primary antibody.



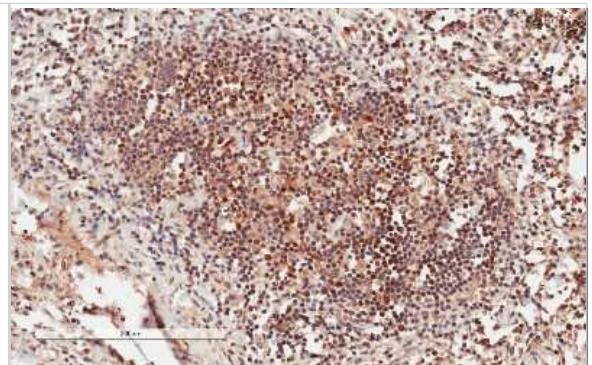
Western Blot: GRB2 Antibody [NB100-866] - (0.03ug/ml) staining of Human (A) and Pig (B) Spleen lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



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] - (1 $\mu$ g/ml)  
staining of paraffin embedded Human Lymph Node. Microwaved antigen  
retrieval with citrate buffer pH 6, HRP-staining.



## Publications

Ahmed R, Wani ZA, Allaie IM et al. *Toxocara vitulorum* in a suckling calf: a case study. *Journal of Parasitic Diseases: Official Organ of the Indian Society for Parasitology* 2015-04-01 [PMID: 27876941]

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

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

## 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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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