

# Product Datasheet

## RRAD Antibody NBP2-27500

Unit Size: 0.1 mg

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

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### Publications: 1

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**NBP2-27500**

## RRAD Antibody

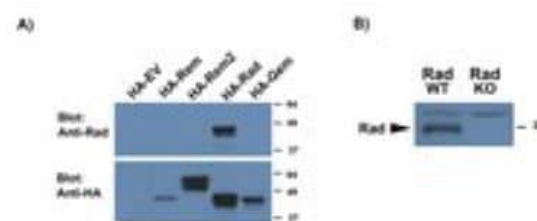
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Goat RRAD Antibody (NBP2-27500) is a polyclonal antibody validated for use in WB and ELISA. Anti-RRAD Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	6236
Gene Symbol	RRAD
Species	Mouse
Specificity/Sensitivity	Reported variants represent identical protein: NP_004156.1, NP_001122322.1
Immunogen	Peptide with sequence C-HRRSMPVDERDLQ corresponding to internal region according to NP_004156.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA, Knockout Validated
Recommended Dilutions	Western Blot 0.5 - 2 ug/mL, Peptide ELISA Detection limit 1:64000, Knockout Validated
Application Notes	WB: Approx. 37 kDa band observed in mouse heart lysates and no 37 kDa band in the KO lysates (calculated MW of 33.2 kDa band according to mouse NP_062636.2 and human NP_004156.1). There is some non-specific background, we call for caution when used for other assays than WB. In transfected HEK293 transiently expressing mouse Rrad (HA tagged), a band of approx. 45 kDa is observed. No bands are observed in transfected HEK293 transiently expressing related mouse GTPases.

**Images**

Western Blot: RRAD Antibody [NBP2-27500] - Panel A: Staining of HEK293 lysates overexpressing several HA-tagged Mouse GTPases, including Rrad (10 ug protein in RIPA buffer) with antibody at 0.5 ug/mL, and compared with an HA-specific antibody. Panel B: Staining of WT and KO lysates of Mouse Heart (100 ug protein in RIPA buffer) with antibody at 0.5 ug/mL. Primary incubation was 1 hour. Detected by chemiluminescence. Data provided by Prof. D Andres, University of Kentucky College of Medicine, USA.



## Publications

Lee I, Yeom SY, Lee SJ et al. A novel senescence-evasion mechanism involving Grap2 and Cyclin D interacting protein inactivation by Ras associated with diabetes in cancer cells under doxorubicin treatment. *Cancer Res* 2010-06-01 [PMID: 20460530]





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### **Products Related to NBP2-27500**

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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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