

Product Datasheet

beta-Arrestin 2 Antibody NB100-1515

Unit Size: 0.1 mg

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

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Publications: 2

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NB100-1515

beta-Arrestin 2 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

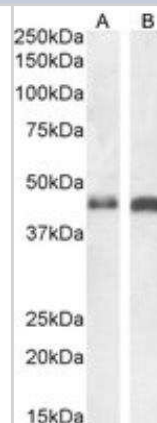
Product Description	
Description	Novus Biologicals Goat beta-Arrestin 2 Antibody (NB100-1515) is a polyclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. Anti-beta-Arrestin 2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	409
Gene Symbol	ARRB2
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise both reported isoforms 1, 2, 3, 5 and 6 (NP_004304.1; NP_945355.1; NP_001244257.1; NP_001244259.1; NP_001244260.1). No crossreactivity is expected with Arrestin beta 1.
Immunogen	Peptide with sequence C-HDHIPLPRPQS corresponding to internal region according to NP_004304.1, NP_945355.1.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 0.5 - 1 ug/mL, Flow Cytometry 10 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection limit 1:64000

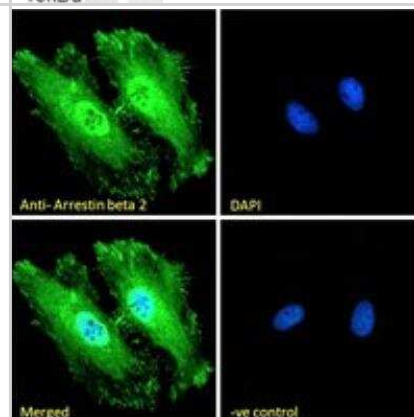


Images

Western Blot: beta-Arrestin 2 Antibody [NB100-1515] - Staining of A549 (A), and U251 (B) cell lysate (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Detected by chemiluminescence.



Immunocytochemistry/Immunofluorescence: beta-Arrestin 2 Antibody [NB100-1515] - Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing plasma membrane, cytoplasmic and nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Flow Cytometry: beta-Arrestin 2 Antibody [NB100-1515] - Flow cytometric analysis of paraformaldehyde fixed A549 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Publications

Lefkowitz RJ, Shenoy SK. Transduction of receptor signals by beta-arrestins. *Science* 2005-04-22 [PMID: 15845844]

Zakrzewicz A, Krasteva G, Wilhelm J et al. Reduced expression of arrestin beta 2 by graft monocytes during acute rejection of rat kidneys. *Immunobiology* 2011-07-01 [PMID: 21193245]



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Products Related to NB100-1515

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

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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