

Product Datasheet

ROCK2 Antibody - BSA Free

NB100-593

Unit Size: 100 ul

Store at 4C. Do not freeze.

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Publications: 2

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NB100-593

ROCK2 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

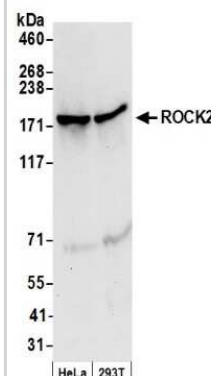
Product Description	
Description	Novus Biologicals Rabbit ROCK2 Antibody - BSA Free (NB100-593) is a polyclonal antibody validated for use in WB and IP. Anti-ROCK2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	9475
Gene Symbol	ROCK2
Species	Human
Specificity/Sensitivity	NB100-593 is specific for human Rho Kinase alpha protein.
Immunogen	The immunogen recognized by this antibody maps to a region between residues 1320 and the C-terminus (residues 1388) of human ROCK2 using the number given in entry NP_004841.1 (GeneID 9475)

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:10000-1:25000, Immunoprecipitation 2-5 ug/mg lysate
Application Notes	Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Suggested starting dilutions are as follows. Western Blot: 1:10,000 - 1:25,000 Immunoprecipitation: 2 to 5 ug/mg of lysate Histo/Cytochemistry: not tested *In some cases, the antibody may be diluted further than indicated.

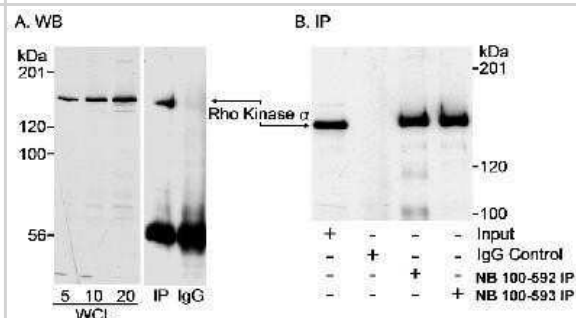


Images

Western Blot: ROCK2 Antibody [NB100-593] - Samples: Whole cell lysate (50 ug) from HeLa and 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-ROCK2 antibody used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Western Blot: ROCK2 Antibody [NB100-593] - Detection of Human Rho Kinase Alpha on HeLa whole cell lysate using NB100-593. NB100-593 and NB100-592 were used at 5 ug/mg lysate to immunoprecipitate Rho Kinase Alpha.



Publications

Li XX, Xu JK, Su WJ et al. The role of KDM4A-mediated histone methylation on temozolomide resistance in glioma cells through the HUWE1/ROCK2 axis The Kaohsiung journal of medical sciences 2023-10-24 [PMID: 37873881] (IP, WB, Human)

Details:

1:1000 dilution WB and IP

Shum WW, Da Silva N, Belleannee C et al. Regulation of V-ATPase recycling via a RhoA- and ROCKII-dependent pathway in epididymal clear cells. Am J Physiol Cell Physiol 2011-07-01 [PMID: 21411727]



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Products Related to NB100-593

NB800-PC1	HeLa Whole Cell Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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