

Product Datasheet

Protein Kinase A regulatory subunit I alpha Antibody - Azide and BSA Free NBP3-00289-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-00289-100ul

Protein Kinase A regulatory subunit I alpha Antibody - Azide and BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Antigen and protein A Affinity-purified
Buffer	0.2 um filtered solution in PBS

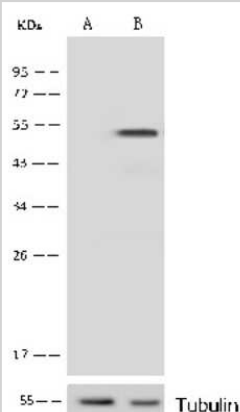
Product Description	
Description	This antibody can be stored at 2C to 8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Gene ID	5573
Gene Symbol	PRKAR1A
Species	Human
Immunogen	Produced in rabbits immunized with purified, recombinant Human Protein Kinase A regulatory subunit I alpha (Accession#: P10644; Met1-Val381)

Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:5000-1:10000, Immunoprecipitation 1-4 uL/mg of lysate, Knockout Validated

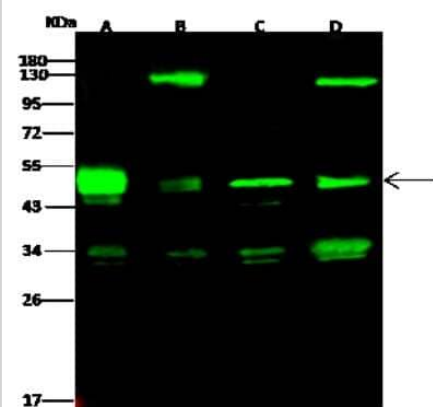


Images

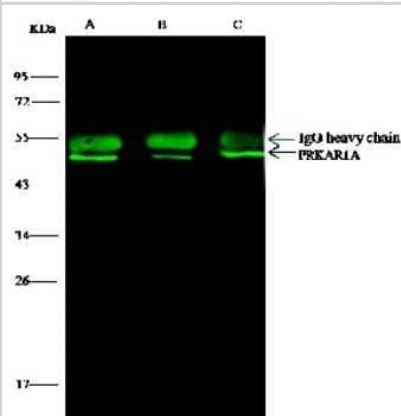
Western Blot: Protein Kinase A regulatory subunit I alpha Antibody [NBP3-00289] - Anti-Protein Kinase A regulatory subunit I alpha rabbit polyclonal antibody at 1:500 dilution. Lane A: HepG Whole Cell Lysate. Lane B: HeLa Whole Cell Lysate. Lane C: A549 Whole Cell Lysate. Lane D: Jurkat Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 43 kDa. Observed band size: 49 kDa (We are unsure as to the identity of these extra bands).



Western Blot: Protein Kinase A regulatory subunit I alpha Antibody [NBP3-00289] - Anti-Protein Kinase A regulatory subunit I alpha rabbit polyclonal antibody at 1:500 dilution. Lane A: Protein Kinase A regulatory subunit I alpha knockout HeLa Whole Cell Lysate. Lane B: HeLa Whole Cell Lysate. Lysates/proteins at 10 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 43 kDa. Observed band size: 49 kDa



Immunoprecipitation: Protein Kinase A regulatory subunit I alpha Antibody [NBP3-00289] - Protein Kinase A regulatory subunit I alpha was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate. Lane B: 0.5 mg A549 Whole Cell Lysate. Lane C: 0.5 mg 293T Whole Cell Lysate. 2 ul anti-Protein Kinase A regulatory subunit I alpha rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti-Protein Kinase A regulatory subunit I alpha rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 43 kDa. Observed band size: 43 kDa





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-00289-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00005573-P01-10ug	Recombinant Human Protein Kinase A regulatory subunit I alpha GST (N-Term) Protein

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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