

Product Datasheet

IQGAP1 Antibody NBP1-06529

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NBP1-06529

IQGAP1 Antibody

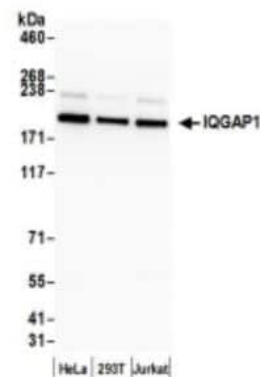
Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit IQGAP1 Antibody (NBP1-06529) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-IQGAP1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8826
Gene Symbol	IQGAP1
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 1 and 50 of human motif containing GTPase activating protein 1 using the numbering given in entry NP_003861.1 (GeneID 8826).

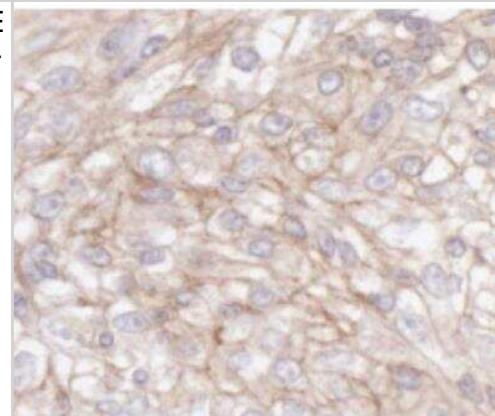
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry, Immunoprecipitation 2 - 10 ug/mg lysate, Immunohistochemistry-Paraffin 1:100-1:500
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

Images

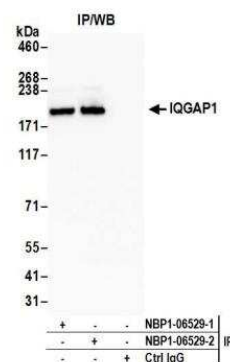
Western Blot: IQGAP1 Antibody [NBP1-06529] - Whole cell lysate (15 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-IQGAP1 antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Immunohistochemistry-Paraffin: IQGAP1 Antibody [NBP1-06529] - FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-IQGAP1 used at a dilution of 1:200 (1ug/ml). Detection: DAB



Immunoprecipitation: IQGAP1 Antibody [NBP1-06529] - Detection of human IQGAP1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-IQGAP1 antibody NBP1-06529 (lot NBP1-06529-2) used for IP at 3 ug per reaction. IQGAP1 was also immunoprecipitated by a previous lot of this antibody (lot NBP1-06529-1). For blotting immunoprecipitated IQGAP1, NBP1-06529 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Publications

Kumar A, Larrea D, Pero ME et al. MFN2-dependent recruitment of ATAT1 coordinates mitochondria motility with alpha-tubulin acetylation and is disrupted in CMT2A bioRxiv : the preprint server for biology 2023-03-16 [PMID: 36993604] (KO, ICC/IF, WB, Mouse)

Mosaddeghzadeh N, Pudewell S, Bazgir F et al. CDC42-IQGAP Interactions Scrutinized: New Insights into the Binding Properties of the GAP-Related Domain International journal of molecular sciences 2022-08-09 [PMID: 36012107] (WB, Human)

Sun H, Kapuria V, Peterson LF et al. Bcr-Abl ubiquitination and Usp9x inhibition block kinase signaling and promote CML cell apoptosis. Blood 2011-03-01 [PMID: 21248063]



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 NBP1-06529

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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