

Product Datasheet

Rictor Antibody - BSA Free

NB100-611

Unit Size: 100 ul

Store at 4C. Do not freeze.

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Publications: 33

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NB100-611

Rictor 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)

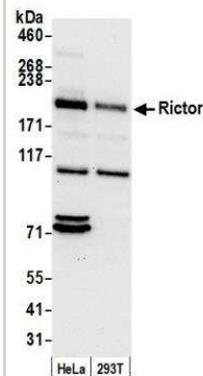
Product Description	
Description	Novus Biologicals Rabbit Rictor Antibody - BSA Free (NB100-611) is a polyclonal antibody validated for use in WB and IP. Anti-Rictor Antibody: Cited in 33 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	253260
Gene Symbol	RICTOR
Species	Human
Specificity/Sensitivity	NB100-611 is specific for human Rictor protein.
Immunogen	The immunogen recognized by this antibody maps to a region between residues 1 and 50 of human Rapamycin-Insensitive Companion of mTOR using the numbering given in TrEMBL entry Q6R327 (GeneID 253260).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunoprecipitation 2- 10 ug/mg lysate
Application Notes	Blots performed with NB 100-611 show additional bands not seen with NB 100-612.

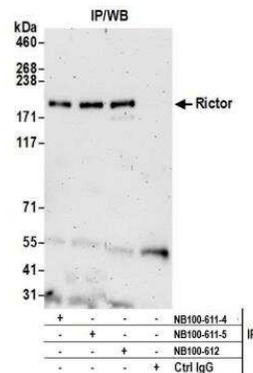


Images

Western Blot: Rictor Antibody [NB100-611] - Detection of Human Rictor by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa and 293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Rictor antibody NB100-611 used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Immunoprecipitation: Rictor Antibody [NB100-611] - Detection of human Rictor by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Rictor antibody NB100-611 (lot 5) used for IP at 6 ug per reaction. Rictor was also immunoprecipitated by a previous lot of this antibody (lot 4) and rabbit anti-Rictor antibody NB100-612. For blotting immunoprecipitated Rictor, NB100-611 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Publications

James MF, Stivison E, Beauchamp R et al. Regulation of mTOR complex 2 signaling in neurofibromatosis 2-deficient target cell types. *Mol Cancer Res* 2012-05-01 [PMID: 22426462]

Murata H, Sakaguchi M, Jin Y et al. A new cytosolic pathway from a Parkinson disease-associated kinase, BRPK/PINK1: activation of AKT via mTORC2. *J Biol Chem* 2011-03-01 [PMID: 21177249]

Liu L, Luo Y, Chen L et al. Rapamycin inhibits cytoskeleton reorganization and cell motility by suppressing RhoA expression and activity. *J Biol Chem* 2010-12-01 [PMID: 20937815]

Fu L, Kim YA, Wang X et al. Perifosine inhibits mammalian target of rapamycin signaling through facilitating degradation of major components in the mTOR axis and induces autophagy. *Cancer Res* 2009-12-01 [PMID: 19920197]

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Shu L, Houghton PJ. The mTORC2 complex regulates terminal differentiation of C2C12 myoblasts. *Mol Cell Biol* 2009-09-01 [PMID: 19564418]

Sato T, Nakashima A, Guo L et al. Specific activation of mTORC1 by Rheb G-protein in vitro involves enhanced recruitment of its substrate protein. *J Biol Chem* 2009-05-01 [PMID: 19299511]

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Thoreen CC, Kang SA, Chang JW et al. An ATP-competitive mammalian target of rapamycin inhibitor reveals rapamycin-resistant functions of mTORC1. *J Biol Chem* 2009-03-01 [PMID: 19150980]

Lee HK, Kumar P, Fu Q et al. The insulin/Akt signaling pathway is targeted by intracellular beta-amyloid. *Mol Biol Cell* 2009-03-01 [PMID: 19144826]

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More publications at <http://www.novusbio.com/NB100-611>





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Products Related to NB100-611

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00253260-Q01-10ug	Recombinant Human Rictor 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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