

Product Datasheet

PI4KB/PI4KIII beta Antibody - BSA Free NBP2-12814

Unit Size: 100 ul

Store at 4C. Do not freeze.

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Publications: 3

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NBP2-12814

PI4KB/PI4KIII beta 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

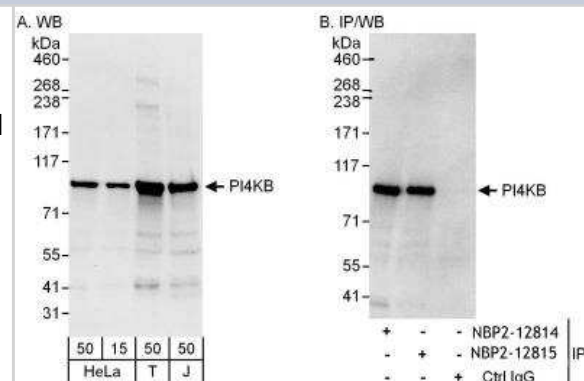
Description	Novus Biologicals Rabbit PI4KB/PI4KIII beta Antibody - BSA Free (NBP2-12814) is a polyclonal antibody validated for use in WB and IP. Anti-PI4KB/PI4KIII beta Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5298
Gene Symbol	PI4KB
Species	Human
Immunogen	The immunogen this antibody was made to, maps to a region between residue 1 and 50 of human Phosphatidylinositol 4-Kinase, Catalytic, beta using the numbering given in entry CAA09495.1 (GeneID 5298).

Product Application Details

Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunoprecipitation 2-10 ug/mg lysate

Images

Immunoprecipitation: PI4KB/PI4KIII beta Antibody [NBP2-12814] - Samples: Whole cell lysate from HeLa (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), 293T (T; 50 ug) and Jurkat (J; 50 ug) cells. Antibodies: Affinity purified rabbit anti-PI4KB antibody NBP2-12814 used for WB at 0.1 ug/ml (A) and 1 ug/ml (B) and used for IP at 6 ug/mg lysate. PI4KB was also immunoprecipitated by rabbit anti-PI4KB antibody NBP2-12815, which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 10 seconds (A) and 3 seconds (B).



Publications

Giulia Mana, Fabiana Clapero, Emiliano Panieri, Valentina Panero, Ralph T Böttcher, Hui-Yuan Tseng, Federico Saltarin, Elena Astanina, Katarzyna I Wolanska, Mark R Morgan, Martin J Humphries, Massimo M Santoro, Guido Serini, Donatella Valdembri PPFIA1 drives active $\beta_5\alpha_1$ integrin recycling and controls fibronectin fibrillogenesis and vascular morphogenesis. *Nature Communications*, 2016-11-23;0(0):2041-1723. 2016-11-23 [PMID: 27876801]

Shi L, Tan X, Liu X et al. Addiction to Golgi-resident PI4P synthesis in chromosome 1q21.3-amplified lung adenocarcinoma cells *Proceedings of the National Academy of Sciences of the United States of America* 2021-06-22 [PMID: 34155143]

Su Y, Wang P, Shen H, Sun Z. Protein kinase D1-mediated classical protein secretory pathway regulates oncogene Ras-induced senescent response. *J. Cell. Sci.* 2018-02-02 [PMID: 29420297] (Human)





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Products Related to NBP2-12814

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00005298-P01-10ug	Recombinant Human PI4KB/PI4KIII beta 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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