

Product Datasheet

PI 3-Kinase p110 beta/PIK3CB Antibody NBP1-33116

Unit Size: 100 ul

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP1-33116**PI 3-Kinase p110 beta/PIK3CB Antibody**

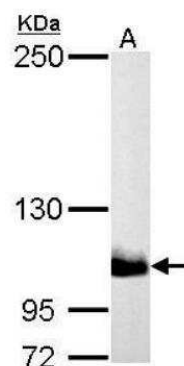
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.1M Tris (pH 7), 0.1M Glycine, 10% Glycerol
Target Molecular Weight	123 kDa

Product Description	
Host	Rabbit
Gene ID	5291
Gene Symbol	PIK3CB
Species	Human, Mouse, Rat, Bovine
Reactivity Notes	Use in Bovine reported in scientific literature (PMID:33625929).
Immunogen	Recombinant protein encompassing a sequence within the center region of human PI3 kinase p110 beta. The exact sequence is proprietary.

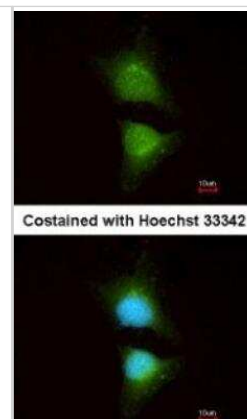
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

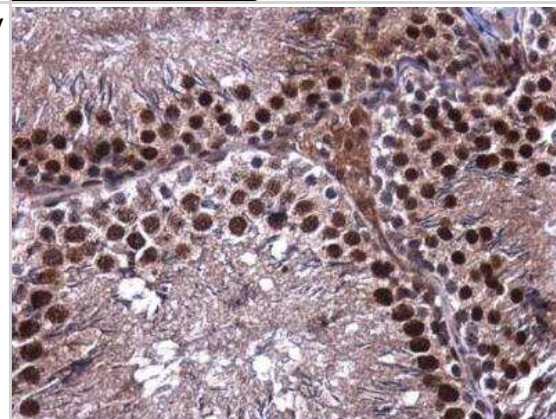
Western Blot: PI 3-Kinase p110 beta/PIK3CB Antibody [NBP1-33116] -
A. 30 ug PC-12 whole cell lysate/extract 5 % SDS-PAGE PI3K p110 beta antibody [N3C2], Internal dilution: 1:1000



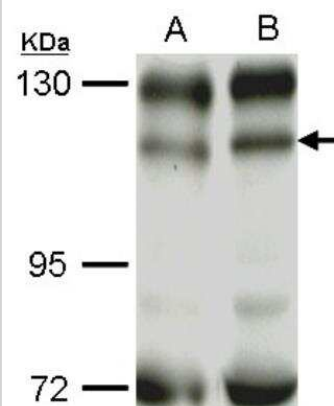
Immunocytochemistry/Immunofluorescence: PI 3-Kinase p110 beta/PIK3CB Antibody [NBP1-33116] - Analysis of methanol-fixed HeLa, using antibody at 1:200 dilution.



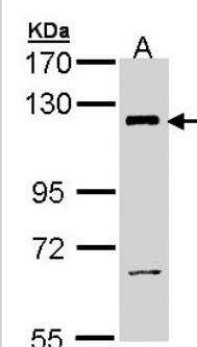
Immunohistochemistry-Paraffin: PI 3-Kinase p110 beta/PIK3CB Antibody [NBP1-33116] - Paraffin-embedded rat testis. PI3K p110 beta antibody [N3C2], Internal diluted at 1:400.



Western Blot: PI 3-Kinase p110 beta/PIK3CB Antibody [NBP1-33116] - Sample (50 ug of whole cell lysate) A: C2C12 B: C2C12+AEA10mM antibody diluted at 1:1000.



Western Blot: PI 3-Kinase p110 beta/PIK3CB Antibody [NBP1-33116] - Sample (30 ug of whole cell lysate) A: H1299 7.5% SDS PAGE; antibody diluted at 1:1000.



Publications

Chaudhuri P, Smith AH, Putta P et al. P110 alpha and P110 delta catalytic subunits of PI3 kinase regulate lysophosphatidylcholine-induced TRPC6 externalization American journal of physiology. Cell physiology 2021-02-24 [PMID: 33625929] (WB, Human, Bovine)

Sinanoglu O, Yener AN, Ekici S et al. The protective effects of spirulina in cyclophosphamide induced nephrotoxicity and urotoxicity in rats. Urology 2012-12-01 [PMID: 22951000] (WB, Mouse)



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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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