

Product Datasheet

CDC16 [p Thr580] Antibody - BSA Free NB600-889

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NB600-889

CDC16 [p Thr580] Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	This product is an affinity purified antibody produced by immunoaffinity chromatography using phospho peptide coupled to agarose beads followed by solid phase adsorption(s) against non-phospho peptide and non-specific peptide to remove any unwanted reactivities Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.
Host	Rabbit
Gene ID	8881
Gene Symbol	CDC16
Species	Human
Reactivity Notes	No cross reactivity is expected against homologues from other sources
Specificity/Sensitivity	This product is an affinity purified antibody produced by immunoaffinity chromatography using phospho peptide coupled to agarose beads followed by solid phase adsorption(s) against non-phospho peptide and non-specific peptide to remove any unwanted reactivities. This antibody is specific for phosphorylated human CDC16 protein at the pT580 residue. BLAST analysis indicates 100 % homology of the immunizing sequence with CDC16 from human. No cross reactivity is expected against homologues from other sources. This antibody is expected to react with all isoforms of this protein. Minimal reactivity is expected with the non-phosphorylated form of the protein.
Immunogen	This affinity purified CDC16 [p Thr580] Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region surrounding pT580 of Human CDC16 protein. (Uniprot: Q13042)
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:3000, ELISA 1:1000-1:10000, Immunocytochemistry/ Immunofluorescence 1:10-1:500



Application Notes

This affinity purified antibody has been tested for use in ELISA and western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band ~ 72 kDa, 71.5 kDa or 65.9 kDa in size corresponding to isoforms of APC6 by western blotting in the appropriate cell lysate or extract.

Images

Western Blot: CDC16 [p Thr580] Antibody [NB600-889] - Analysis of a band 72 kDa corresponding to phosphorylated human APC6 (arrowhead lane 1). Lane 1 - nocodazole treated HeLa whole cell lysate. Lane 2 - Reactivity is not seen in lysates from asynchronous HeLa whole cell cultures. Each lane contains approximately 35ug of lysates, separated by 4-20% SDS-PAGE Tris-HEPES and then transferred to nitrocellulose. After blocking the membrane was probed with the primary antibody diluted to 1:1,000 overnight at 4C followed by washes and reaction with a 1:10,000 dilution of IRDye800 conjugated Gt-a-Rabbit IgG [H&L] MX for 45 min at room temperature.





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Products Related to NB600-889

NBL1-08989	CDC16 Overexpression Lysate
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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