

Product Datasheet

CDCP1 Antibody NB100-860

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-860**CDCP1 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	64866
Gene Symbol	CDCP1
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize isoform 1 (NP_073753.3) only.
Immunogen	Peptide with sequence C-PLLNTQEPMEPAE corresponding to C-Terminus according to NP_073753.3.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 5 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	IP successful usage with A549 cells. WB: Approx. 90 kDa band observed in human colon lysates (calculated MW of 92.3 kDa band according to NP_073753.3). An additional band of unknown identity was also consistently observed at 200 kDa. This band was successfully blocked by incubation with the immunizing peptide. IHC successful usage for human endometrium. IHC: Paraffin embedded Human Prostate.



Images

Western Blot: CDCP1 Antibody [NB100-860] - (1ug/ml) staining of Human Colon lysate (35ug protein in RIPA buffer).

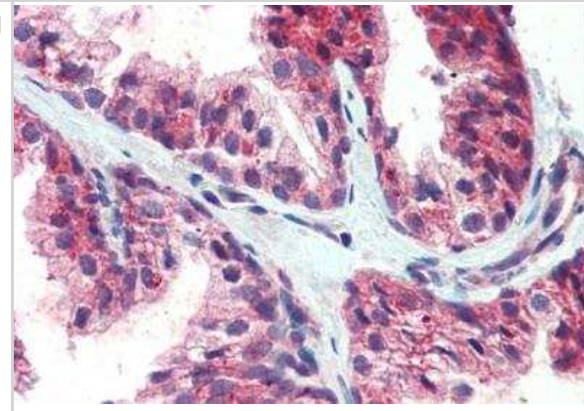
250kDa
150kDa
100kDa

75kDa
50kDa
37kDa

25kDa
20kDa

15kDa

Immunohistochemistry-Paraffin: CDCP1 Antibody [NB100-860] - staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Hooper JD, Zijlstra A, Aimes RT et al. Subtractive immunization using highly metastatic human tumor cells identifies SIMA135/CDCP1, a 135 kDa cell surface phosphorylated glycoprotein antigen. *Oncogene* 2003-03-27 [PMID: 12660814]

Sasaroli D, Gimotty PA, Pathak HB et al. Novel surface targets and serum biomarkers from the ovarian cancer vasculature. *Cancer Biol Ther*. 2011-08-01 [PMID: 21617380]



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Products Related to NB100-860

NBL1-09023	CDCP1 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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