

Product Datasheet

Casein Kinase 2 alpha Antibody - BSA Free NB100-378

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB100-378**Casein Kinase 2 alpha 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)

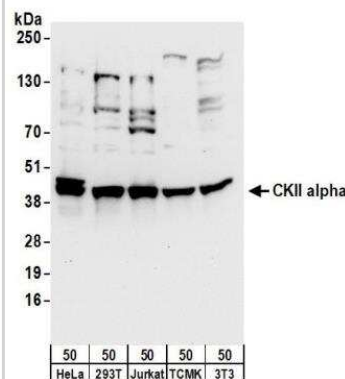
Product Description	
Host	Rabbit
Gene ID	1457
Gene Symbol	CSNK2A1
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 350 and the C-terminus (residue 391) of human Casein Kinase 2, alpha 1 using the numbering given in entry NP_001886.1 (GeneID 1457).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000- 1:10000, Immunohistochemistry 1:2000 - 1:10000, Immunoprecipitation 2-10 ug/mg lysate, Immunohistochemistry-Paraffin 1:2000 - 1:10000
Application Notes	Epitope retrieval with citrate buffer pH6.0 or Tris-EDTA pH9.0 is recommended. Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.

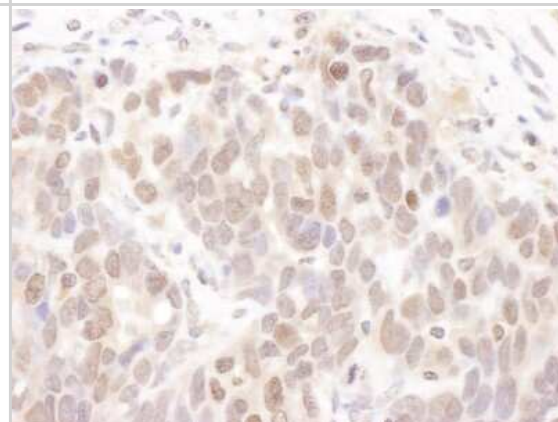


Images

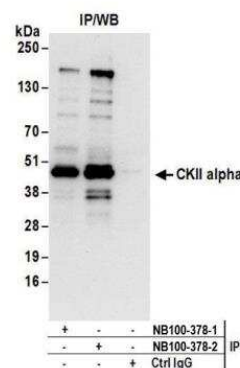
Western Blot: Casein Kinase 2 alpha Antibody [NB100-378] - Detection of Human and Mouse CKII alpha by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa, 293T, Jurkat, mouse TCMK-1, and mouse NIH3T3 cells. Antibodies: Affinity purified rabbit anti-CKII alpha antibody NB100-378 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Immunohistochemistry-Paraffin: Casein Kinase 2 alpha Antibody [NB100-378] - Section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-CKII Alpha used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB



Immunoprecipitation: Casein Kinase 2 alpha Antibody [NB100-378] - Detection of human CKII alpha by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-CKII alpha antibody NB100-378 (lot NB100-378-2) used for IP at 6 ug/mg lysate. CKII alpha was also immunoprecipitated by a previous lot (lot NB100-378-1) of this antibody. For blotting immunoprecipitated CKII alpha, NB100-378 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



Publications

Golkowski M, Lius A, Sapre T et al. Multiplexed kinase interactome profiling quantifies cellular network activity and plasticity Molecular Cell 2023-02-01 [PMID: 36736316] (IP, Human)



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Products Related to NB100-378

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBC1-18386	Recombinant Human Casein Kinase 2 alpha His 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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