

# Product Datasheet

## CaMKK alpha Antibody NBP1-42683

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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**NBP1-42683****CaMKK alpha Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	0.2 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	TBS and 0.1% BSA

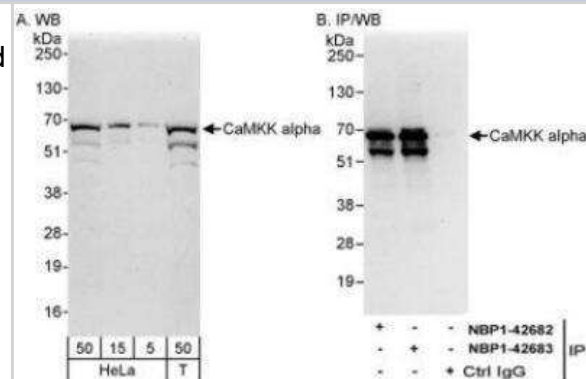
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	84254
<b>Gene Symbol</b>	CAMKK1
<b>Species</b>	Human
<b>Immunogen</b>	The immunogen for this product maps to a region between residue 455 and 505 of human calcium/calmodulin-dependent protein kinase kinase 1, alpha using the numbering given in entry NP_757343.1 (GenelD 84254).

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:2000-1:10000, Immunohistochemistry, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:100- 1:500
<b>Application Notes</b>	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

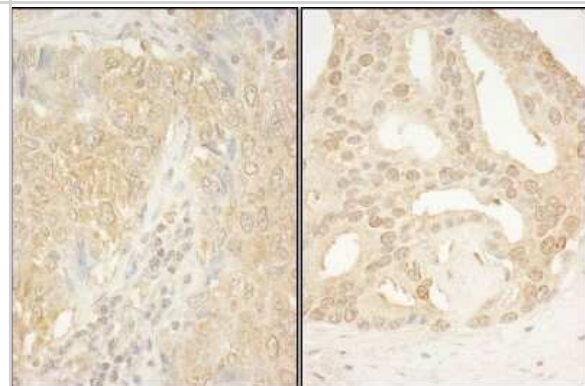


## Images

Western Blot: CaMKK alpha Antibody [NBP1-42683] - Whole cell lysate from HeLa (5, 15 and 50 mcg for WB; 1 mg for IP, 20% of IP loaded) and 293T (T; 50 mcg) cells. Antibodies: Affinity purified rabbit anti-CaMKK alpha antibody used for WB at 0.04 mcg/ml (A) and 1 mcg/ml (B) and used for IP at 3 mcg/mg lysate. CaMKK alpha was also immunoprecipitated by rabbit anti-CaMKK alpha antibody NBP1-42682, which recognizes an upstream epitope.



Immunohistochemistry-Paraffin: CaMKK alpha Antibody [NBP1-42683] - Section of human lung carcinoma (left) and human prostate carcinoma (right). Antibody: Affinity purified rabbit anti- CaMKK alpha used at a dilution of 1:200 (1ug/ml). Detection: DAB



## Publications

Gan W, Dai X, Dai X et al. LATS suppresses mTORC1 activity to directly coordinate Hippo and mTORC1 pathways in growth control Nat. Cell Biol. 2020-02-01 [PMID: 32015438] (WB, Human)

Hamada T, Souda M, Yoshimura T et al. Anti-apoptotic Effects of PCP4/PEP19 in Human Breast Cancer Cell Lines: A Novel Oncotarget. Oncotarget. 2014-08-15 [PMID: 25153723]



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### **Products Related to NBP1-42683**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00084254-P01-10ug	Recombinant Human CaMKK alpha GST (N-Term) Protein

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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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