

Product Datasheet

CaMKK2 Antibody - BSA Free

NBP1-86651

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-86651

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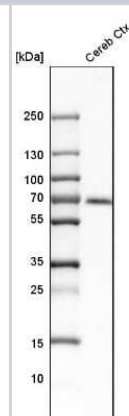
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	10645
Gene Symbol	CAMKK2
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (81%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SSCVSSQPSSNRAAPQDELGGRGSSSESQKPCEALRGLSSLSIHLGMESFIV VTECEPGCAVDLGLARDRPLEADGQEVPLDTSGSQARPHLSGRKLSLQERSQ GGLAAGGSLDMNGRCICPSLPYSPVSSPQSS

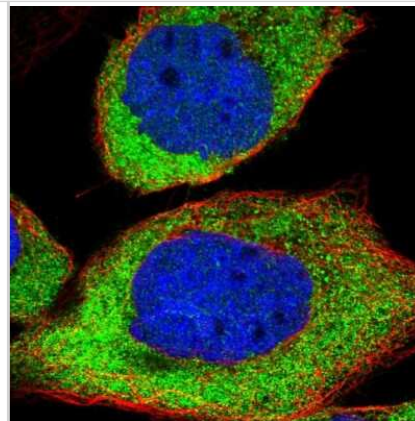
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

Western Blot: CaMKK2 Antibody [NBP1-86651] - Analysis in human cerebral cortex tissue.



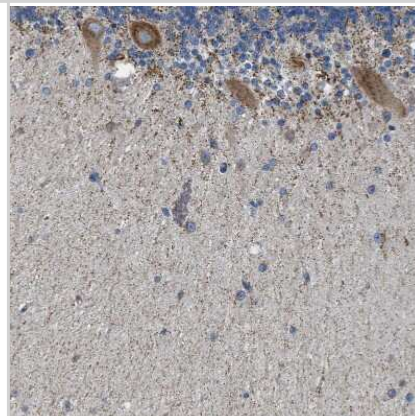
Immunocytochemistry/Immunofluorescence: CaMKK2 Antibody [NBP1-86651] - Staining of human cell line A-431 shows localization to cytosol. Antibody staining is shown in green.



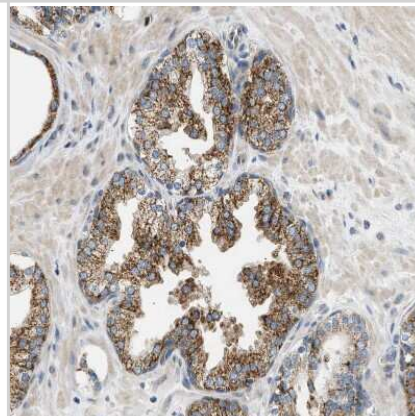
Immunohistochemistry-Paraffin: CaMKK2 Antibody [NBP1-86651] - Staining of human cerebral cortex shows moderate cytoplasmic positivity in neurons.



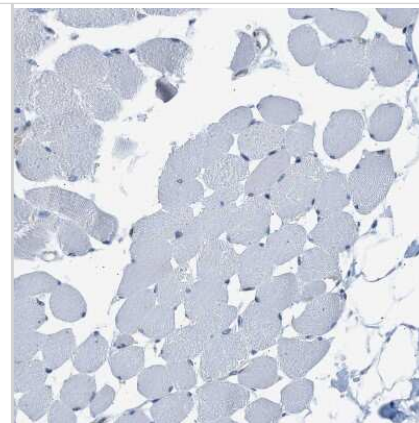
Immunohistochemistry-Paraffin: CaMKK2 Antibody [NBP1-86651] - Staining of human cerebellum shows moderate cytoplasmic positivity in Purkinje cells.



Immunohistochemistry-Paraffin: CaMKK2 Antibody [NBP1-86651] - Staining of human prostate shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: CaMKK2 Antibody [NBP1-86651] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Publications

Lim, CM;González Díaz, A;Fuxreiter, M;Pun, FW;Zhavoronkov, A;Vendruscolo, M; Multiomic prediction of therapeutic targets for human diseases associated with protein phase separation Proceedings of the National Academy of Sciences of the United States of America 2023-10-03 [PMID: 37774095]

Dilley J, Seetharam A, Ding X et al. CAMKK2 is upregulated in primary human osteoarthritis and its inhibition protects against chondrocyte apoptosis Osteoarthritis Cartilage. 2023-02-27 [PMID: 36858195] (IHC, WB, Human)

Massie CE, Lynch A, Ramos-Montoya A et al. The androgen receptor fuels prostate cancer by regulating central metabolism and biosynthesis. EMBO J 2011-05-01 [PMID: 21602788]



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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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