

Product Datasheet

CaMKIV Antibody (1G4P4)

NBP3-16802-100ul

Unit Size: 100 ul

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

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NBP3-16802-100ul

CaMKIV Antibody (1G4P4)

Product Information

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1G4P4
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description

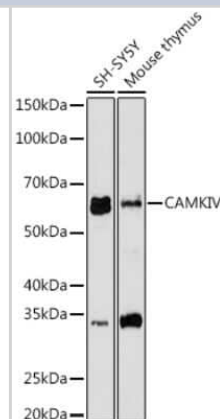
Host	Rabbit
Gene ID	814
Gene Symbol	CAMK4
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 374-473 of human CAMKIV (Q16566). EGEKIQGDGAQAQAAVKGAQAELMKVQALEKVKGADINAEAPKMVPAVEDGIK VADLELEEGLAEKLTVEEAAAPREGQGSSAVGFVPPQDDVILPEY

Product Application Details

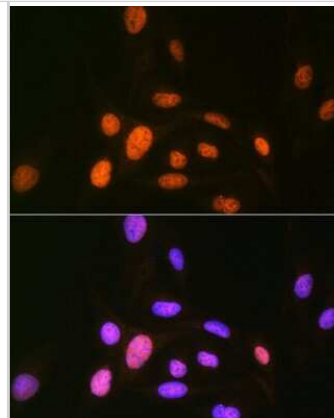
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin

Images

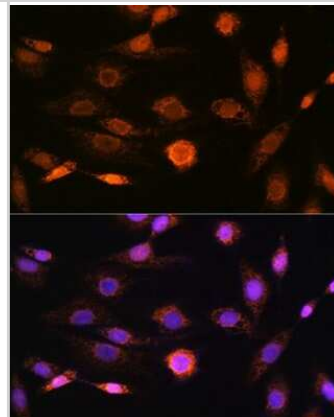
Western Blot: CaMKIV Antibody (1G4P4) [NBP3-16802] - Western blot analysis of extracts of various cell lines, using CaMKIV antibody (NBP3-16802) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



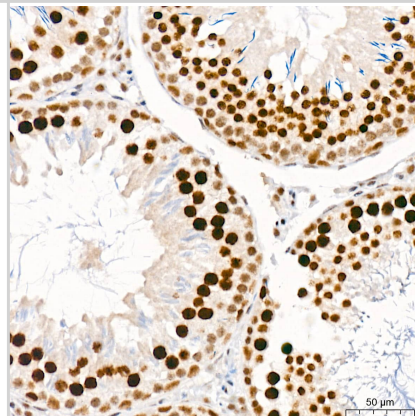
Immunocytochemistry/Immunofluorescence: CaMKIV Antibody (1G4P4) [NBP3-16802] - Immunofluorescence analysis of U-2 OS cells using CaMKIV Rabbit mAb (NBP3-16802) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



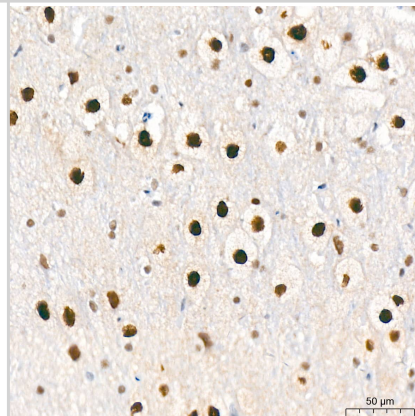
Immunocytochemistry/Immunofluorescence: CaMKIV Antibody (1G4P4) [NBP3-16802] - Immunofluorescence analysis of NIH-3T3 cells using CaMKIV Rabbit mAb (NBP3-16802) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



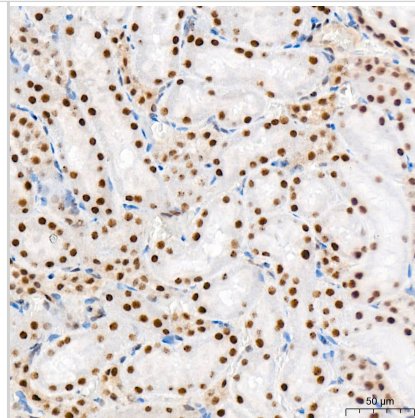
Immunohistochemistry: CaMKIV Antibody (1G4P4) [NBP3-16802] - Immunohistochemistry analysis of CaMKIV in paraffin-embedded rat testis tissue using CaMKIV Rabbit mAb at a dilution of 1:800 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



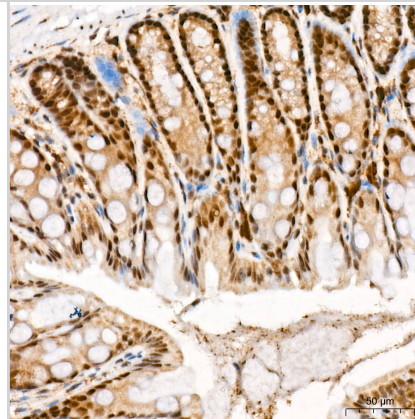
Immunohistochemistry: CaMKIV Antibody (1G4P4) [NBP3-16802] - Immunohistochemistry analysis of CaMKIV in paraffin-embedded rat brain tissue using CaMKIV Rabbit mAb at a dilution of 1:800 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



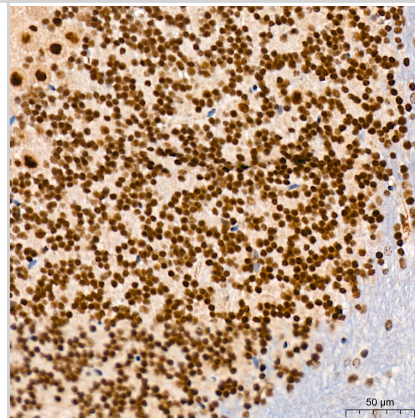
Immunohistochemistry: CaMKIV Antibody (1G4P4) [NBP3-16802] - Immunohistochemistry analysis of CaMKIV in paraffin-embedded rat kidney tissue using CaMKIV Rabbit mAb at a dilution of 1:800 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



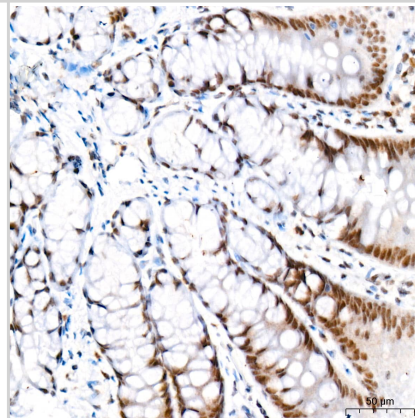
Immunohistochemistry: CaMKIV Antibody (1G4P4) [NBP3-16802] - Immunohistochemistry analysis of CaMKIV in paraffin-embedded mouse colon tissue using CaMKIV Rabbit mAb at a dilution of 1:800 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



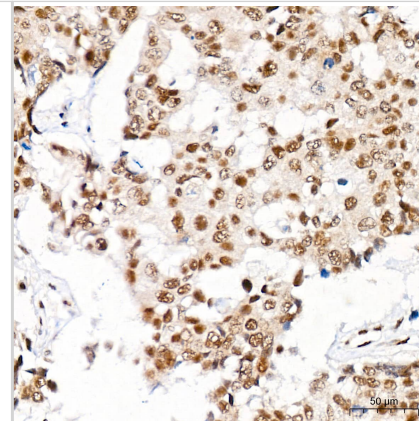
Immunohistochemistry: CaMKIV Antibody (1G4P4) [NBP3-16802] - Immunohistochemistry analysis of CaMKIV in paraffin-embedded mouse brain tissue using CaMKIV Rabbit mAb at a dilution of 1:800 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry: CaMKIV Antibody (1G4P4) [NBP3-16802] - Immunohistochemistry analysis of CaMKIV in paraffin-embedded rat colon tissue using CaMKIV Rabbit mAb at a dilution of 1:800 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry: CaMKIV Antibody (1G4P4) [NBP3-16802] - Immunohistochemistry analysis of CaMKIV in paraffin-embedded human breast cancer tissue using CaMKIV Rabbit mAb at a dilution of 1:800 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.





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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
NBP1-78878-50ug	Recombinant Human CaMKIV 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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