

Product Datasheet

CaMKIV Antibody (JB33-13)

NBP2-76979

Unit Size: 100 ul

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

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NBP2-76979

CaMKIV Antibody (JB33-13)

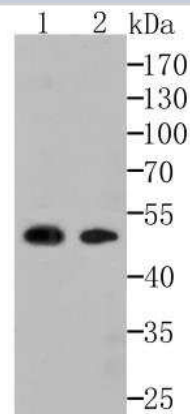
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JB33-13
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	52 kDa

Product Description	
Host	Rabbit
Gene Symbol	CAMK4
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human CaMKIV aa 360-473 / 473. (SwissProt: Q16566 Human; SwissProt: P08414 Mouse; SwissProt: P13234 Rat)

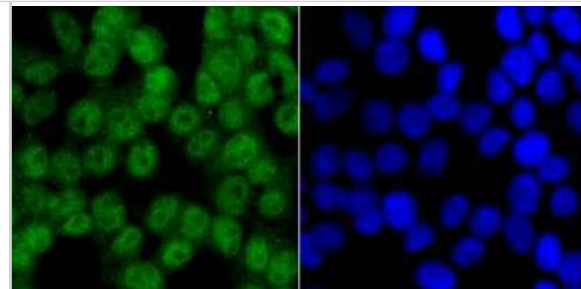
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

Images

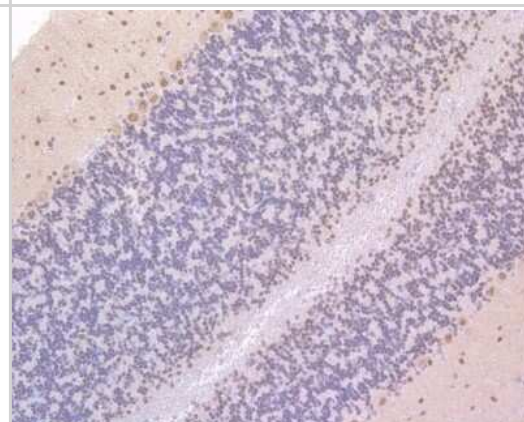
Western Blot: CaMKIV Antibody (JB33-13) [NBP2-76979] - Western blot analysis of CAMKIV on mouse brain and rat brain lysates using anti-CAMKIV antibody at 1/1,000 dilution.



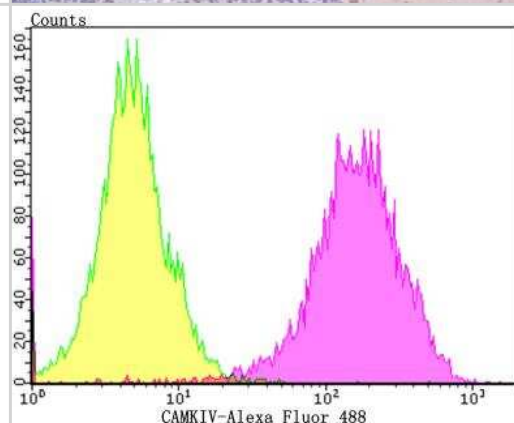
Immunocytochemistry/Immunofluorescence: CaMKIV Antibody (JB33-13) [NBP2-76979] - ICC staining CAMKIV in 293T cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



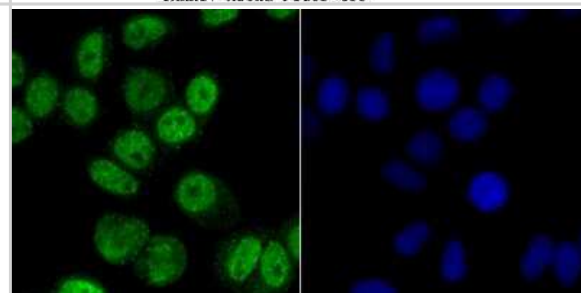
Immunohistochemistry-Paraffin: CaMKIV Antibody (JB33-13) [NBP2-76979] - Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue using anti-CaMKIV antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (1/100) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



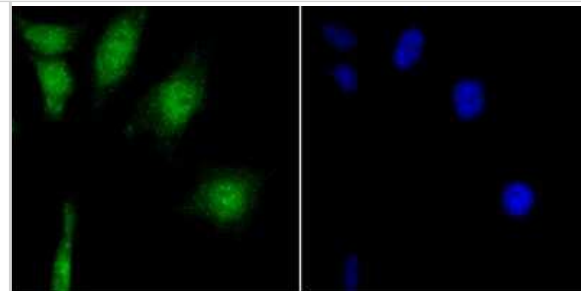
Flow Cytometry: CaMKIV Antibody (JB33-13) [NBP2-76979] - Flow cytometric analysis of SH-SY-5Y cells with CAMKIV antibody at 1/100 dilution (yellow) compared with an unlabelled control (cells without incubation with primary antibody; purple). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



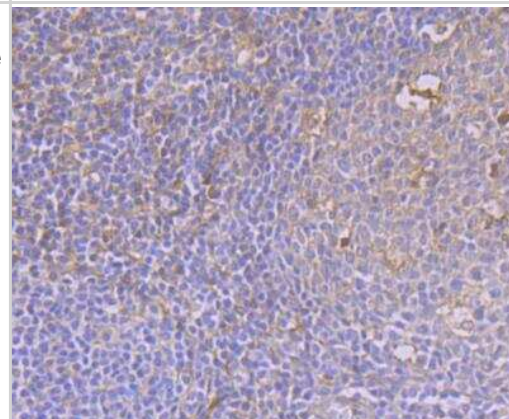
Immunocytochemistry/Immunofluorescence: CaMKIV Antibody (JB33-13) [NBP2-76979] - ICC staining CAMKIV in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



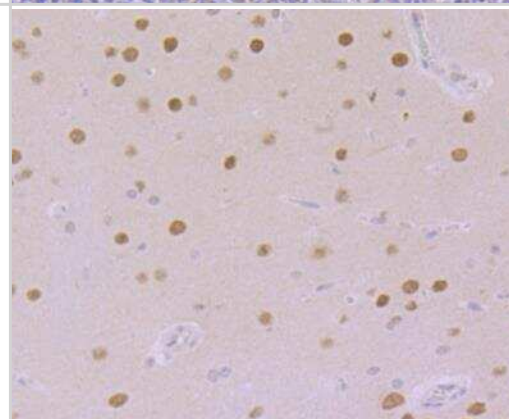
Immunocytochemistry/Immunofluorescence: CaMKIV Antibody (JB33-13) [NBP2-76979] - ICC staining CAMKIV in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



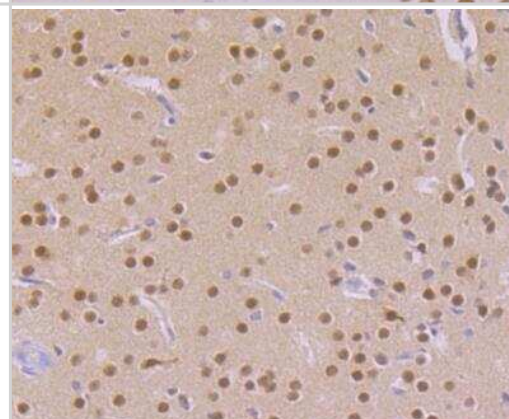
Immunohistochemistry: CaMKIV Antibody (JB33-13) [NBP2-76979] - Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CAMKIV antibody. Counter stained with hematoxylin.



Immunohistochemistry: CaMKIV Antibody (JB33-13) [NBP2-76979] - Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-CAMKIV antibody. Counter stained with hematoxylin.



Immunohistochemistry: CaMKIV Antibody (JB33-13) [NBP2-76979] - Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-CAMKIV antibody. Counter stained with hematoxylin.





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