

Product Datasheet

CaMKIIN2 [p Thr286] Antibody

NBP1-50259

Unit Size: 0.05 ml

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

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NBP1-50259

CaMKIIN2 [p Thr286] Antibody

Product Information

Unit Size	0.05 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	50% glycerol
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA

Product Description

Host	Rabbit
Gene ID	94032
Gene Symbol	CAMK2N2
Species	Human, Mouse, Rat, Xenopus
Reactivity Notes	Rat, Xenopus, Human, Mouse
Specificity/Sensitivity	Specific for the ~50k α -CaM Kinase II and the ~60k R-CaM Kinase II proteins phosphorylated at Thr286. Immunolabeling is blocked by the X-phosphatase treatment
Immunogen	Phosphopeptide corresponding to aa residues surrounding the phosphoThr286 found in rat brain CaMKIIN2.

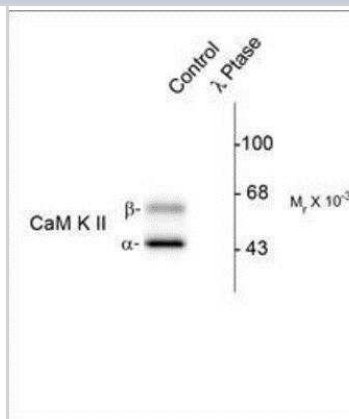
Product Application Details

Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:200

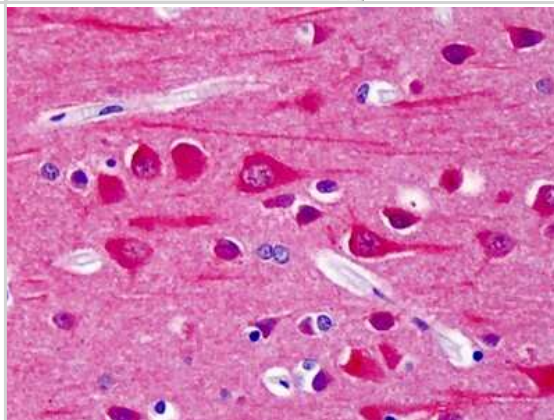


Images

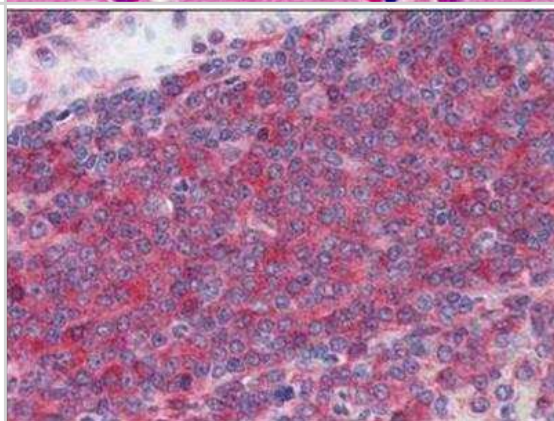
Western Blot: CaMKIIN2 [p Thr286] Antibody [NBP1-50259] - Analysis of rat brain lysate, showing specific immunolabeling of the ~50k a- and the ~60k b-CaM Kinase II phosphorylated at Thr286 (Control). The phosphospecificity of this labeling is shown in the second lane (lambda-phosphatase: I-Ptase). The blot is identical to the control except that it was incubated in I-Ptase (1200 units for 30 min) before being exposed to the Anti-Thr286 CaM Kinase II. The immunolabeling is completely eliminated by treatment with I-Ptase.



Immunohistochemistry-Paraffin: CaMKIIN2 [p Thr286] Antibody [NBP1-50259] - Analysis of anti-CAMK2 antibody with human brain, cortex at dilution 1:200.



Immunohistochemistry-Paraffin: CaMKIIN2 [p Thr286] Antibody [NBP1-50259] - Analysis of anti-CAMK2 antibody with human spleen.





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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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