

Product Datasheet

CaMKII beta Antibody NBP3-13157

Unit Size: 100 ul

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

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Updated 5/12/2024 v.20.1

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NBP3-13157

CaMKII beta Antibody

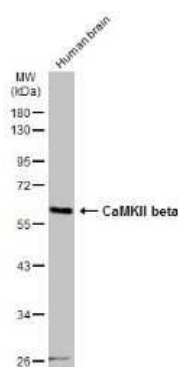
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol, 1% BSA
Target Molecular Weight	73 kDa

Product Description	
Description	Centrifuge briefly prior to opening.
Host	Rabbit
Gene ID	816
Gene Symbol	CAMK2B
Species	Human, Mouse, Rat
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of human CaMKII beta. The exact sequence is proprietary.

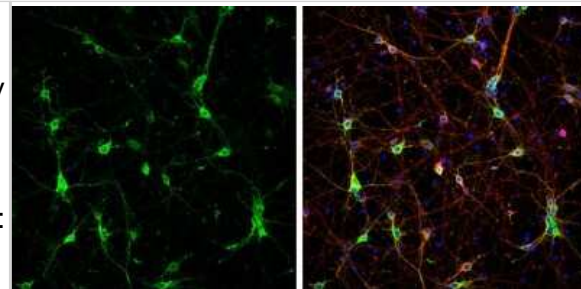
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen 1:100-1:1000

Images

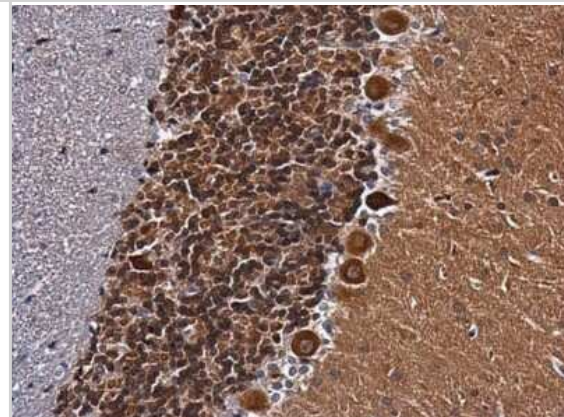
Western Blot: CaMKII beta Antibody [NBP3-13157] - Human tissue extract (30 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with CaMKII beta antibody (NBP3-13157) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



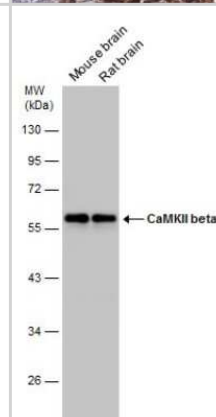
Immunocytochemistry/Immunofluorescence: CaMKII beta Antibody [NBP3-13157] - CaMKII beta antibody detects CaMKII beta protein at cytoplasm by immunofluorescent analysis. Sample: DIV9 rat E18 primary cortical neurons were fixed in 4% paraformaldehyde at RT for 15 min. Green: CaMKII beta protein stained by CaMKII beta antibody (NBP3-13157) diluted at 1:500. Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (NBP2-43559) diluted at 1:500. Blue: Fluoroshield with DAPI.



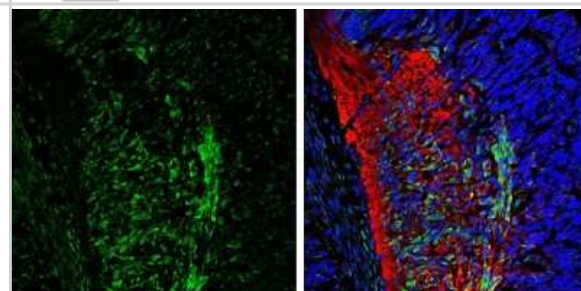
Immunohistochemistry-Paraffin: CaMKII beta Antibody [NBP3-13157] - CaMKII beta antibody detects CAMK2B protein at cytoplasm in rat brain by immunohistochemical analysis. Sample: Paraffin-embedded rat brain. CaMKII beta antibody (NBP3-13157) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Western Blot: CaMKII beta Antibody [NBP3-13157] - Various tissue extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with CaMKII beta antibody (NBP3-13157) diluted at 1:1000.



Immunohistochemistry-Frozen: CaMKII beta Antibody [NBP3-13157] - CaMKII beta antibody detects CaMKII beta protein expression by immunohistochemical analysis. Sample: Frozen sectioned E13.5 Rat brain. Green: CaMKII beta protein stained by CaMKII beta antibody (NBP3-13157) diluted at 1:250. Red: beta Tubulin 3/ TUJ1, a mature neuron marker, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] (NBP2-43559) diluted at 1:500. Blue: Fluoroshield with DAPI.





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Products Related to NBP3-13157

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB120-22131PEP	CaMKII beta Antibody Blocking Peptide

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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