

CaMKII (phospho Thr286) antibody [HL3848]

Cat. No. GTX642082

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB
Reactivity	Human, Mouse

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000

Not tested in other applications.

Observed MW (kDa) 54 kDa.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Thr286 of human CaMKII. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

Note

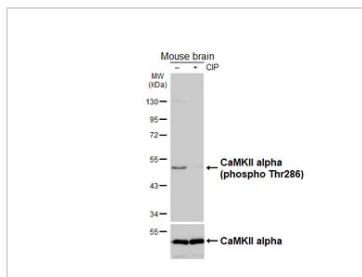
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



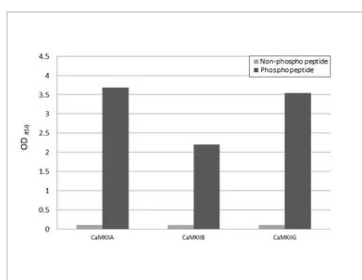
For full product information, images and publications, please visit our [website](#).

DATA IMAGES



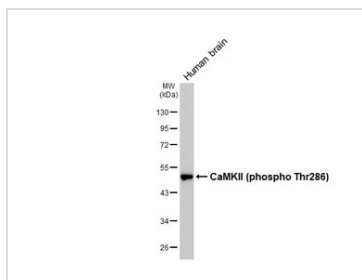
GTX642082 WB Image

Untreated (–) and treated (+) mouse tissue extract (50 µg) were separated by 10% SDS-PAGE, and the membranes were blotted with CaMKII (phospho Thr286) antibody [HL3848] (GTX642082) diluted at 1:1000 and CaMKII alpha antibody (GTX133071) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX642082 Image

Specificity test was performed by coating the plate with recombinant CaMKIIA non-phospho peptide, CaMKIIA (phospho Thr286) peptide, CaMKIIB non-phospho peptide, CaMKIIB (phospho Thr287) peptide, CaMKIIG non-phospho peptide, and CaMKIIG (phospho Thr287) peptide (250 ng/mL). Coated protein was probed with CaMKII (phospho Thr286) antibody [HL3848] (GTX642082) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



GTX642082 WB Image

Human tissue extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with CaMKII (phospho Thr286) antibody [HL3848] (GTX642082) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



For full product information, images and publications, please visit our [website](https://www.genetex.com).