

Rabbit anti-Mouse Camkk2 Polyclonal Antibody | anti-Camkk2 antibody

Mouse Camkk2 Antibody (N-term)

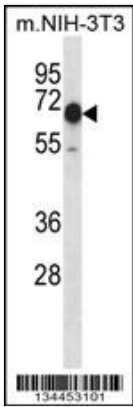
CATALOG # AAA285779	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

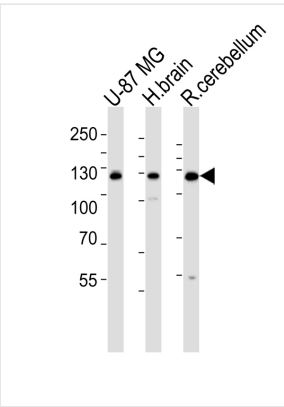
Camkk2; Polyclonal Antibody; Mouse Camkk2 Antibody (N-term); Calcium/calmodulin-dependent protein kinase kinase 2; CaM-KK 2; CaM-kinase kinase 2; CaMKK 2; Calcium/calmodulin-dependent protein kinase kinase beta; CaM-KK beta; CaM-kinase kinase beta; CaMKK beta; Kiaa0787; anti-Camkk2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Camkk2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 43-71 amino acids from the N-terminal region of mouse Camkk2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.48 (varies by lot)
Sequence Positions	43-71
Sequence Length	588
Applicable Applications for anti-Camkk2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	MOUSE
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Mouse Camkk2 Antibody (N-term) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the Camkk2 antibody detected the Camkk2 protein (arrow).



WB (Western Blot)
Western blot analysis of lysates from U-87 MG cell line, human brain and rat cerebellum tissue lysate (from left to right), using Mouse Camkk2 Antibody (N-term). AAA285779 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-Camkk2 antibody	Calcium/calmodulin-dependent protein kinase belonging to a proposed calcium-triggered signaling cascade involved in a number of cellular processes. Phosphorylates CAMK1, CAMK4 and CAMK1D (By similarity). Seems to be involved in hippocampal activation of CREB1.
Product Categories/Family for anti-Camkk2 antibody	Crown Antibodies; Cancer; Signal Transduction
References	Jin, X.L., et al. Biol. Reprod. 82(2):459-468(2010) Kokubo, M., et al. J. Neurosci. 29(28):8901-8913(2009) Anderson, K.A., et al. Cell Metab. 7(5):377-388(2008) Park, C.S., et al. Neuroscience 151(1):43-55(2008) Hoyer-Hansen, M., et al. Mol. Cell 25(2):193-205(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	314122344
NCBI GeneID	207565
NCBI Accession #	NP_001186605.1; NP_663333.1
NCBI GenBank Nucleotide #	NM_001199676.1
UniProt Accession #	Q8C078; Q80TS0; Q8BXM8; Q8C0G3; Q8CH42; Q8QZT7
Molecular Weight	64618
NCBI Official Full Name	calcium/calmodulin-dependent protein kinase kinase 2 isoform 1
NCBI Official Synonym Full Names	calcium/calmodulin-dependent protein kinase kinase 2, beta
NCBI Official Symbol	Camkk2
NCBI Official Synonym Symbols	AW061083; mKIAA0787; 6330570N16Rik
NCBI Protein Information	calcium/calmodulin-dependent protein kinase kinase 2
UniProt Protein Name	Calcium/calmodulin-dependent protein kinase kinase 2
UniProt Gene Name	Camkk2
UniProt Synonym Gene Names	Kiaa0787; CaM-KK 2; CaM-kinase kinase 2; CaMKK 2; CaM-KK beta; CaM-kinase kinase beta; CaMKK beta

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/camkk2-antibody-western-blot-elisa/285779>