

Anti-CAMKK1 Antibody

Catalog Number: A05825

About CAMKK1

Calcium/calmodulin-dependent protein kinase kinase 1 catalyzes the phosphorylation and activation of Ca(2+)/calmodulin kinase (CaMK) as an upstream component of the CaMK cascade that has been implicated in neuronal gene transcription, synaptic plasticity, and long-term memory consolidation. CAMKK1 has two isoforms of 56kda and 58kda and involved in regulating cell apoptosis, promotes cell survival by phosphorylating AKT1/PKB that inhibits pro-apoptotic BAD/Bcl2-antagonist of cell death. Researches showed that Camkk1 plays a selective role in contextual fear memory. This 66-68kda protein can be phosphorylated (probably antophosphorylation) (PMID:7961813). This antibody recognize the N-terminal of CAMKK1.

Overview

Product Name	Anti-CAMKK1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CAMKK1 Antibody catalog # A05825. Tested in WB, IHC, IP, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IP, IHC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q8N5S9

Technical Details

Immunogen	E.coli-derived human CAMKK1 recombinant protein (Position: G3-L345).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000

Immunohistochemistry, 1:50-400
ImmunoPrecipitation, 1:250-300
ELISA, 1:100-1000

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