BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Phospho-CAMK2B/D/G (T287) Antibody

Catalog Number: P03964-1

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Overview

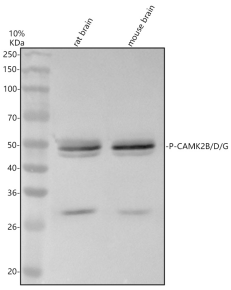
Product Name	Anti-Phospho-CAMK2B/D/G (T287) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-CAMK2B/D/G (T287) Antibody catalog # P03964-1. Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN3, 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□-20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q13554/Q13555/Q13557

Technical Details

Immunogen	A synthesized peptide derived from human CaMK2- beta/ gamma/ delta around the phosphorylation site of Thr287.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200

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Anti-Phospho-CAMK2B/D/G (T287) Antibody (P03964-1) Images



Western blot analysis of CAMK2B/D/G using anti-CAMK2B/D/G antibody (P03964-1). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: rat brain tissue lysates, Lane 2: mouse brain tissue lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-CAMK2B/D/G antigen affinity purified polyclonal antibody (P03964-1) at 0.5 ug/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for CAMK2B/D/G at approximately 50 kDa. The expected band size for CAMK2B/D/G is at 73 kDa.

Anti-Phospho-CAMK2B/D/G (T287) Antibody

For Research Use Only. Not for use in diagnostic procedures.