BOSTER BIOLOGICAL TECHNOLOGY
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Anti-CACNA2D1 Antibody

Catalog Number: A04282-3

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Overview

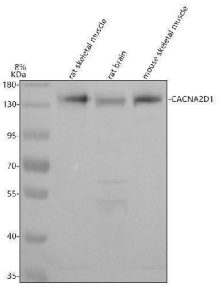
Product Name	Anti-CACNA2D1 Antibody
Reactive Species	Human, Mouse, Pig, Rat
Description	Boster Bio Anti-CACNA2D1 Antibody catalog # A04282-3. Tested in WB, IHC, IF, ELISA applications. This antibody reacts with Human, Mouse, Rat, Pig.
Application	ELISA, IF, IHC, WB
Clonality	Polyclonal
Formulation	500 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	P54289

Technical Details

Immunogen	E.coli-derived human CACNA2D1 recombinant protein (Position: P27-E121).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunofluorescence, 1:50-400 ELISA, 1:100-1000

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Anti-CACNA2D1 Antibody (A04282-3) Images



Western blot analysis of CACNA2D1 using anti-CACNA2D1 antibody (A04282-3). Electrophoresis was performed on a 8% 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 skeletal muscle tissue lysates, Lane 2: rat heart tissue lysates, Lane 3: mouse skeletal muscle 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-CACNA2D1 antigen affinity purified polyclonal antibody (A04282-3) at 1:1000 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 CACNA2D1 at approximately 140 kDa. The expected band size for CACNA2D1 is at 125 kDa.

Anti-CACNA2D1 Antibody

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