BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-SETX Antibody Picoband®

Catalog Number: A02233-2

About SETX

Predicted to enable RNA binding activity; identical protein binding activity; and transcription termination site sequence-specific DNA binding activity. Acts upstream of or within circadian rhythm and termination of RNA polymerase II transcription. Predicted to be located in several cellular components, including growth cone; intercellular bridge; and nuclear lumen. Predicted to be active in nuclear body. Is expressed in cerebral cortex ventricular layer and cortical plate. Used to study amyotrophic lateral sclerosis type 4. Human ortholog(s) of this gene implicated in amyotrophic lateral sclerosis type 4 and spinocerebellar ataxia with axonal neuropathy 2. Orthologous to human SETX (senataxin).

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Overview

Product Name	Anti-SETX Antibody Picoband®
Reactive Species	Mouse, Rat
Description	Boster Bio Anti-SETX Antibody Picoband® catalog # A02233-2. Tested in WB, ELISA applications. This antibody reacts with Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage Instructions	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	A2AKX3

Technical Details

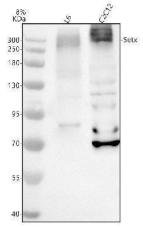
Immunogen	E.coli-derived mouse SETX recombinant protein (Position: S28-R2447). Mouse SETX shares 72.8% amino acid (aa) sequence identity with humanSETX.

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Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.25-0.5 ug/ml, Mouse, Rat ELISA, 0.1-0.5 ug/ml

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Anti-SETX Antibody Picoband® (A02233-2) Images



Western blot analysis of SETX using anti-SETX antibody (A02233-2). 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 L6 whole cell lysates, Lane 2: mouse C2C12 whole cell 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-SETX antigen affinity purified polyclonal antibody (A02233-2) 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 SETX at approximately 303 kDa. The expected band size for SETX is at 300 kDa.

Anti-SETX Antibody

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