BOSTER BIOLOGICAL TECHNOLOGY
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Anti-ETS1 Antibody Picoband®

Catalog Number: A00931-2

About ETS1

Protein C-ets-1 is a protein that in humans is encoded by the ETS1 gene. It is mapped to 11q24.3. This gene encodes a member of the ETS family of transcription factors, which are defined by the presence of a conserved ETS DNA-binding domain that recognizes the core consensus DNA sequence GGAA/T in target genes. These proteins function either as transcriptional activators or repressors of numerous genes, and are involved in stem cell development, cell senescence and death, and tumorigenesis.

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Overview

Product Name	Anti-ETS1 Antibody Picoband®
Reactive Species	Human, Mouse
Description	Boster Bio Anti-ETS1 Antibody Picoband® catalog # A00931-2. Tested in IP, WB applications. This antibody reacts with Human, Mouse. 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	IP, WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl and 0.2 mg Na2HPO4.
Storage Instructions	Store 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 freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P14921

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human ETS1, identical to the related mouse and rat sequences.
Recommended Detection Systems	Boster recommends ECL Plus Western Blotting Substrate (Catalog # AR1196-200) for Western

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	blot.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
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, 0.1-0.5ug/ml, Human, Mouse Immunoprecipitation, 0.5-2 ug/ml, Human

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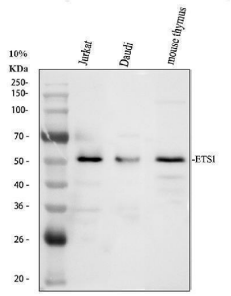
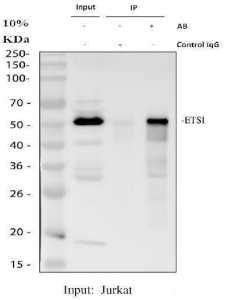
Anti-ETS1 Antibody Picoband® (A00931-2) Images



Western blot analysis of ETS1 using anti-ETS1 antibody (A00931-2). 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: human Jurkat whole cell lysates, Lane 2: human Daudi whole cell lysates, Lane 3: mouse thymus 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-ETS1 antigen affinity purified polyclonal antibody (A00931-2) 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 (Catalog # BA1054) 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 ETS1 at approximately 50 kDa. The expected band size for ETS1 is at 50 kDa.



Immunoprecipitating ETS1 in Jurkat whole cell lysate. Western blot analysis of ETS1 using anti-ETS1 antibody (A00931-2); Lane 1: Jurkat whole cell lysates (30ug); Lane 2: Rabbit control IgG instead of anti-ETS1 antibody in Jurkat whole cell lysate; Lane 3: anti-ETS1 antibody (2ug) + Jurkat whole cell lysate (500ug). After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-ETS1 antigen affinity purified polyclonal antibody (A00931-2) at a dilution of 0.5 ug/mL and probed with a goat anti-rabbit IgG-HRP secondary antibody (Light Chain). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1196-200). A specific band was detected for ETS1 at approximately 50 kDa. The expected band size for ETS1 is at 50 kDa.

1 Publications Citing This Product

1. PubMed ID: 26658785, Luteolin Inhibits Ischemia/Reperfusion-Induced Myocardial Injury in Rats via Downregulation of microRNA-208b-3p

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