

## Anti-SCRN2 Antibody Picoband®

Catalog Number: A15761-1

### About SCRN2

SCRN2 is a member of the secernin family of proteins which includes the homologous SCRN1, a protein that was first identified as being involved in the regulation of exocytosis from peritoneal mast cells. Little is known of SCRN2, but studies have shown that SCRN1 may possess epitopes that function as tumor-associated antigens in gastric cancers and increased SCRN1 expression in patients with colorectal cancer correlated with poor prognosis, suggesting that SCRN2 may also be involved in protein secretion or the regulation of cell growth.

### Overview

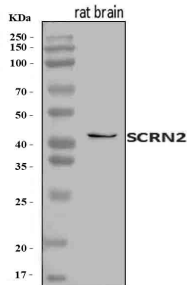
Product Name	Anti-SCRN2 Antibody Picoband®
Reactive Species	Rat
Description	Boster Bio Anti-SCRN2 Antibody Picoband® catalog # A15761-1. Tested in WB applications. This antibody reacts with Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .
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	Q96FV2

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human SCRN2, identical to the related mouse and rat sequences.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western 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, 0.25-0.5 ug/ml, Rat

## Anti-SCRN2 Antibody Picoband® (A15761-1) Images



Western blot analysis of SCRN2 using anti-SCRN2 antibody (A15761-1). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: rat 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-SCRN2 antigen affinity purified polyclonal antibody (Catalog # A15761-1) 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 Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for SCRN2 at approximately 42 kDa. The expected band size for SCRN2 is at 42 kDa.

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### Anti-SCRN2 Antibody

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