

## Anti-OC90 Antibody Picoband®

Catalog Number: A12282-1

### About OC90

Predicted to enable calcium ion binding activity and structural molecule activity. Predicted to be involved in otolith mineralization. Predicted to be located in extracellular region. Predicted to be active in extracellular matrix.

### Overview

Product Name	Anti-OC90 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-OC90 Antibody Picoband® catalog # A12282-1. Tested in ELISA, WB applications. This antibody reacts with Human, 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 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	Q02509

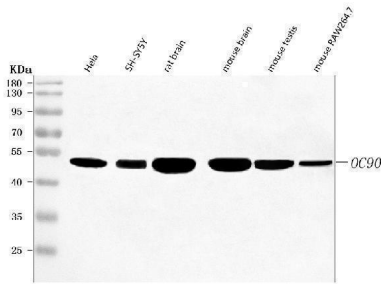
### Technical Details

Immunogen	E.coli-derived human OC90 recombinant protein (Position: H18-H430).
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 µg/ml.
Purification	Immunogen affinity purified.

Suggested Dilutions

Western blot, 0.1-0.25 ug/ml, Human, Mouse, Rat  
ELISA, 0.1-0.5 ug/ml, -

## Anti-OC90 Antibody Picoband® (A12282-1) Images



Western blot analysis of OC90 using anti-OC90 antibody (A12282-1). 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: human Hela whole cell lysates, Lane 2: human SH-SY5Y whole cell lysates, Lane 3: rat brain tissue lysates, Lane 4: mouse brain tissue lysates, Lane 5: mouse testis tissue lysates, Lane 6: mouse RAW264.7 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-OC90 antigen affinity purified polyclonal antibody (Catalog # A12282-1) at 0.25 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 OC90 at approximately 52 kDa. The expected band size for OC90 is at 52 kDa.

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### Anti-OC90 Antibody

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