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

Anti-NEU2 Antibody Picoband®

Catalog Number: A06481-1

About NEU2

Enables exo-alpha-sialidase activity. Involved in ganglioside catabolic process and oligosaccharide catabolic process. Predicted to be located in cytosol. Predicted to be part of catalytic complex. Predicted to be active in lysosome and membrane. Is expressed in brain. Orthologous to human NEU2 (neuraminidase 2).

Submit a product review to Biocompare.com





Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Overview

Product Name	Anti-NEU2 Antibody Picoband®
Reactive Species	Mouse, Rat
Description	Boster Bio Anti-NEU2 Antibody Picoband® catalog # A06481-1. Tested in WB 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	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	Q9JMH3

Technical Details

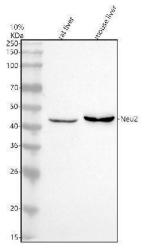
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of mouse NEU2. Human NEU2 shares 82.4% and 82.6% amino acid (aa) sequence identity with human and rat NEU2, respectively.
Form	Lyophilized

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

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

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

Anti-NEU2 Antibody Picoband® (A06481-1) Images



Western blot analysis of NEU2 using anti-NEU2 antibody (A06481-1). 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: rat liver tissue lysates, Lane 2: mouse liver 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-NEU2 antigen affinity purified polyclonal antibody (A06481-1) 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 ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for NEU2 at approximately 42 kDa. The expected band size for NEU2 is at 42 kDa.

Anti-NEU2 Antibody

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