

BOSTER BIOLOGICAL TECHNOLOGY, LTD.

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www.bosterbio.com

Certificate of Analysis

Note: this is a sample COA. To get the COA for your lot #, please contact us at support@bosterbio.com

To whom it may concern,

This letter attests that Anti-Tryptophan Hydroxylase Antibody (Monoclonal, WH-3) , catalog # MA1099, is manufactured by Boster Biological Technology., Ltd, through test and assay, we got the following data:

1. Immunogen

Recombinant rabbit tryptophan hydroxylase.

2. Application Data

Applications Details

Western blot, 0.5-1 μ g/ml, Human, rat, rabbit

3. Cross Reaction

No cross reactivity with other proteins

4. Image

Anti-Tryptophan Hydroxylase antibody (monoclonal), MA1099, Western blotting
Lane 1: Rat Brain Tissue Lysate
Lane 2: Rat Brain Tissue Lysate

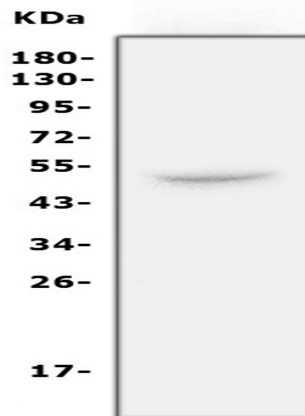


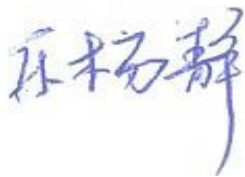
Figure 2. Western blot analysis of Tryptophan Hydroxylase using anti-Tryptophan Hydroxylase antibody (MA1099).

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 50ug of sample under reducing conditions.

Lane 1: human Caco-2 whole cell lysate.

After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with mouse anti-Tryptophan Hydroxylase antigen affinity purified monoclonal antibody (Catalog # MA1099) at 0.5 µg/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-mouse IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1001) with Tanon 5200 system. A specific band was detected for Tryptophan Hydroxylase at approximately 51KD. The expected band size for Tryptophan Hydroxylase is at 51KD.

Approved by:



Ms. Yangjing Yue Chief technician

Quality Control System of ELISA

Date: May 13, 2016