

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-Histidine decarboxylase/HDC Antibody , catalog # PA1703, is manufactured by Boster Biological Technology., Ltd, through test and assay, we got the following data:

1. Immunogen

A synthetic peptide corresponding to a sequence at the C-terminus of mouse Histidine decarboxylase(620-639aa EQMMMMKKGAFKKLIKFYVS), different from the related rat sequence by two amino acids.

2. Application Data

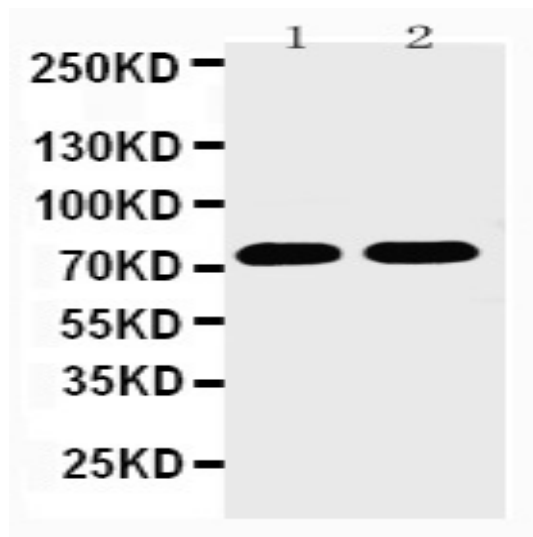
Applications Details

Immunohistochemistry(Paraffin-embedded Section), 0.5-1µg/ml, Mouse, Rat, By Heat
Western blot, 0.1-0.5µg/ml, Mouse, Rat

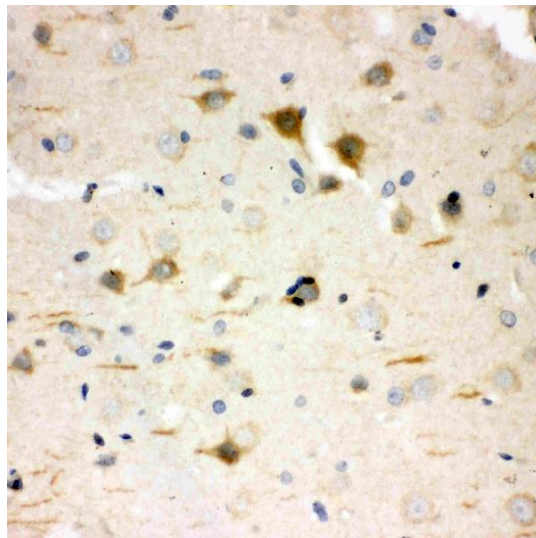
3. Cross Reaction

No cross reactivity with other proteins

4. Image



Anti-Histidine decarboxylase antibody, PA1703, Western blotting
Lane 1: Rat Brain Tissue Lysate
Lane 2: Mouse Brain Tissue Lysate



Anti-Histidine decarboxylase antibody, PA1703, IHC(P)
IHC(P): Rat Brain Tissue

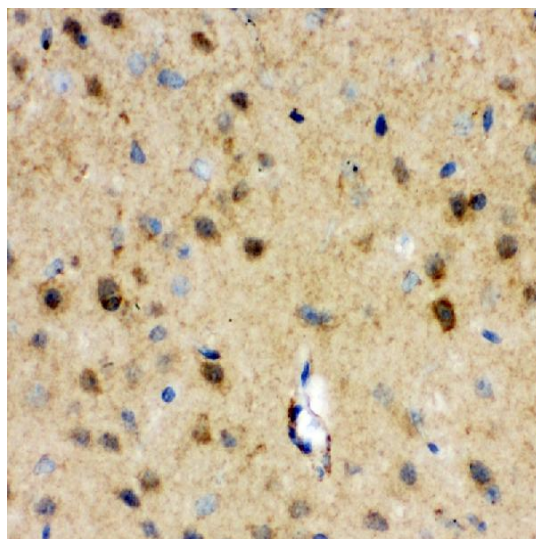
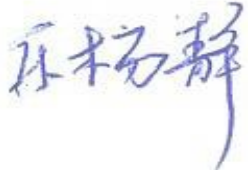


Figure 3. IHC analysis of HDC using anti- HDC antibody (PA1703).

HDC was detected in paraffin-embedded section of mouse brain tissues. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1 $\frac{1}{4}$ g/ml rabbit anti- HDC Antibody (PA1703) overnight at 4 ^\circ C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 ^\circ C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC)(Catalog # SA1022) with DAB as the chromogen.

Approved by:



Ms. Yangjing Yue Chief technician

Quality Control System of ELISA

Date: May 13, 2016