

# BOSTER BIOLOGICAL TECHNOLOGY, LTD.

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## Certificate of Analysis

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

To whom it may concern,

This letter attests that Anti-HRH3 Antibody , catalog # PA1204, 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 human HRH3(428-445aa CPQKLKIQPHSSLEHCWK), different from the related rat sequence by three amino acids.

### 2. Application Data

## Applications Details

Western blot, 0.1-0.5 $\mu$ g/ml, Human, Rat, Mouse

### 3. Cross Reaction

No cross reactivity with other proteins

### 4. Image

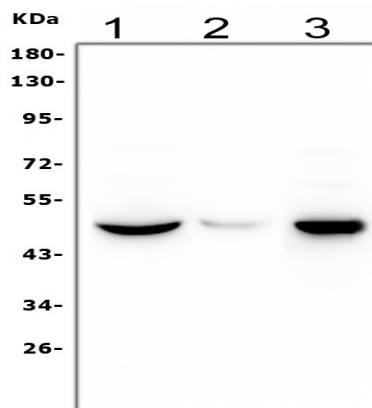


Figure 1. Western blot analysis of HRH3 using anti-HRH3 antibody (PA1204). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions.

Lane 1: human U-87MG whole cell lysates

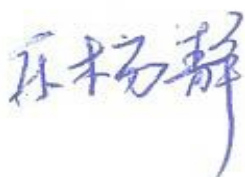
Lane 2: human SHG-44 whole cell lysates

Lane 3: mouse RAW246.7 whole cell lysates

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 rabbit anti-HRH3 antigen affinity purified polyclonal antibody (Catalog # PA1204) 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-rabbit 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 # EK1002) with Tanon 5200 system. A specific band was detected for HRH3 at approximately 49KD.

The expected band size for HRH3 is at 49KD.

Approved by:



Ms. Yangjing Yue Chief technician

Quality Control System of ELISA

Date: May 13, 2016