

# **BOSTER BIOLOGICAL TECHNOLOGY, LTD.**

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[www.bosterbio.com](http://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-TNFAIP1 Antibody , catalog # PA1305, 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 N-terminus of human TNFAIP1(27-52aa NKYVQLNVGGSLYTTVRALTRHDTM), identical to the related rat and mouse sequences.

### **2. Application Data**

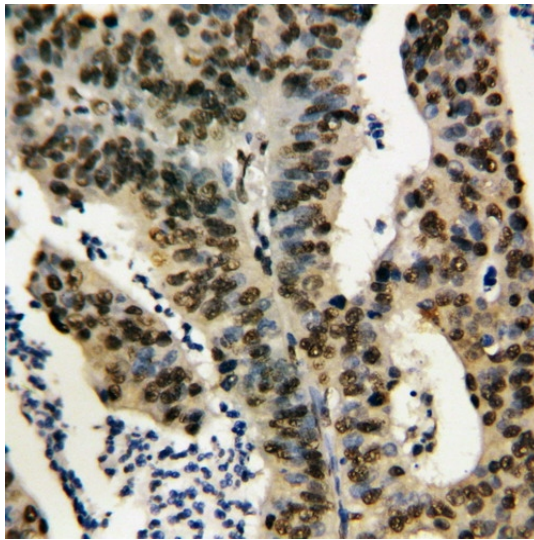
## **Applications Details**

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

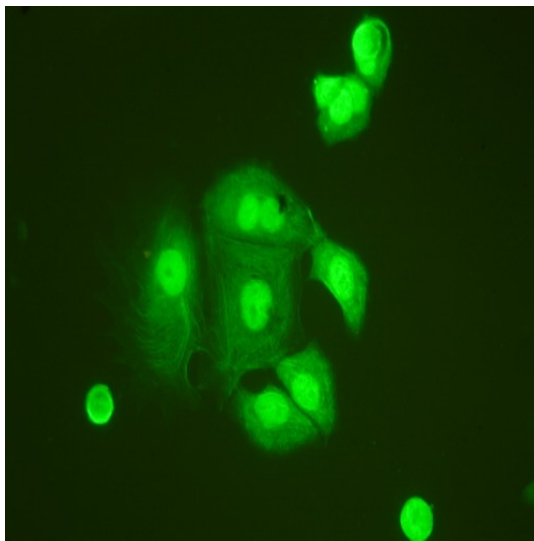
### **3. Cross Reaction**

No cross reactivity with other proteins

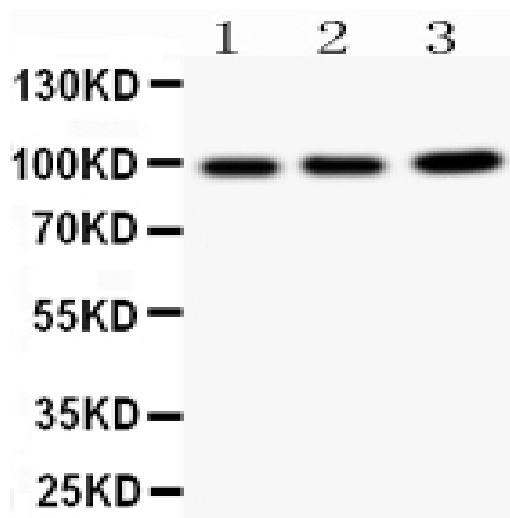
### **4. Image**



Anti-TNFAIP1 antibody, PA1305, IHC(P)  
IHC(P): Human Rectal Cancer Tissue



Anti-TNFAIP1 antibody, PA1305, ICC  
ICC: HELA Cell



Anti-TNFAIP1 antibody, PA1305, Western blotting

All lanes: Anti TNFAIP1(PA1305) at 0.5ug/ml  
Lane 1: Rat Thymus Tissue Lysate at 50ug  
Lane 2: HELA Whole Cell Lysate at 40ug  
Lane 3: COLO320 Whole Cell Lysate at 40ug  
Predicted bind size: 36KD  
Observed bind size: 36KD

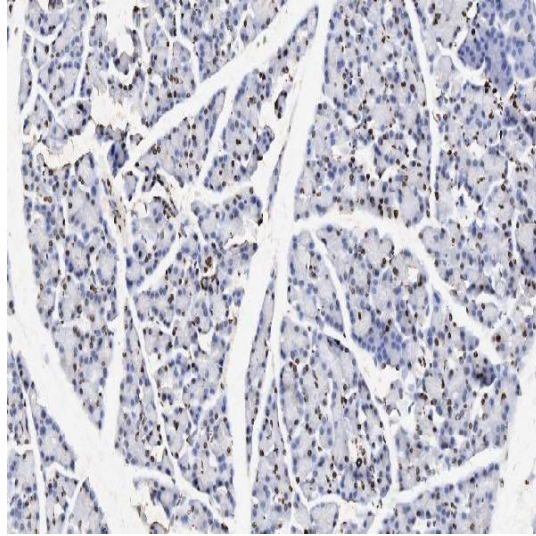


Figure 4. IHC analysis of TNFAIP1 using anti- TNFAIP1 antibody (PA1305). TNFAIP1 was detected in paraffin-embedded section of rat pancreas tissues. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1½g/ml rabbit anti- TNFAIP1 Antibody (PA1305) overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC)(Catalog # SA1022) with DAB as the chromogen.

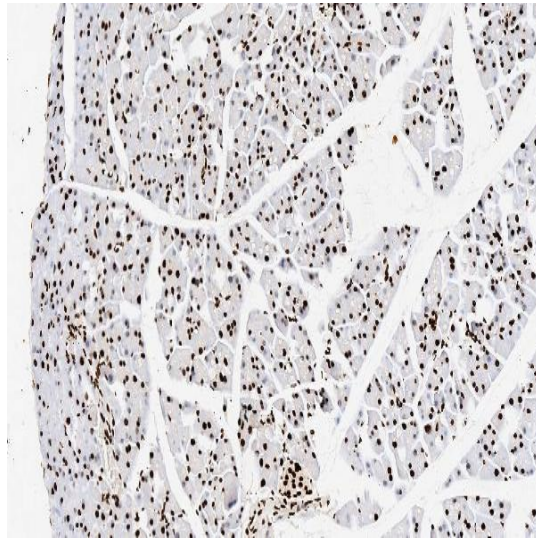


Figure 5. IHC analysis of TNFAIP1 using anti- TNFAIP1 antibody (PA1305). TNFAIP1 was detected in paraffin-embedded section of mouse pancreas tissues. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1½g/ml rabbit anti- TNFAIP1 Antibody (PA1305) overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC)(Catalog # SA1022) with DAB as the chromogen.

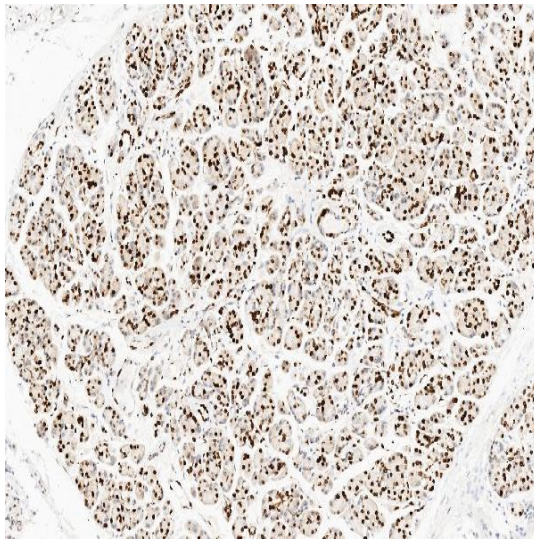


Figure 6. IHC analysis of TNFαIP1 using anti- TNFαIP1 antibody (PA1305).

TNFαIP1 was detected in paraffin-embedded section of human pancreas cancer 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 $\mu$ g/ml rabbit anti- TNFαIP1 Antibody (PA1305) 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:

A handwritten signature in blue ink, consisting of three Chinese characters: 岳静 (Yue Jing).

Ms. Yangjing Yue Chief technician

Quality Control System of ELISA

Date: May 13, 2016