

For Research Use Only

# UBA3 Polyclonal antibody, PBS Only

Catalog Number: 13857-1-PBS

Featured Product



## Basic Information

**Catalog Number:**

13857-1-PBS

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG4831

**GenBank Accession Number:**

BC022853

**GeneID (NCBI):**

9039

**UNIPROT ID:**

Q8TBC4

**Full Name:**

ubiquitin-like modifier activating enzyme 3

**Calculated MW:**

463 aa, 52 kDa

**Observed MW:**

49 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

WB, Indirect ELISA

**Species Specificity:**

human, mouse, rat

## Background Information

The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E1 ubiquitin-activating enzyme family. The encoded enzyme associates with AppBp1, an amyloid beta precursor protein binding protein, to form a heterodimer, and then the enzyme complex activates NEDD8, a ubiquitin-like protein, which regulates cell division, signaling and embryogenesis. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

## Storage

**Storage:**

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**

PBS only, pH7.3

For technical support and original validation data for this product please contact:

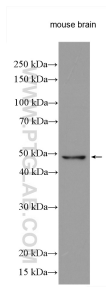
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

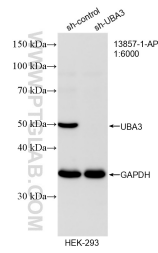
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Mouse brain tissue were subjected to SDS PAGE followed by western blot with 13857-1-AP (UBA3 antibody) at dilution of 1:4500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 13857-1-PBS in a different storage buffer formulation.



WB result of UBA3 antibody (13857-1-AP; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-UBA3 transfected HEK-293 cells. This data was developed using the same antibody clone with 13857-1-PBS in a different storage buffer formulation.