

For Research Use Only

UBA3 Polyclonal antibody, PBS Only

Catalog Number: 13857-1-PBS

Featured Product



Basic Information

Catalog Number:

13857-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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.

Storage Buffer:

PBS only, pH7.3

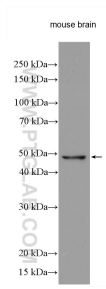
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

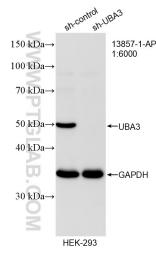
E: proteintech@ptglab.com
W: ptglab.com

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.