

A15119

Leader in Biomolecular Solutions for Life Science



UBA3 Rabbit pAb

Catalog No.: A15119

Basic Information

Observed MW

Calculated MW
52kDa

Category

Mouse Monoclonal Antibody

Applications

ELISA

Cross-Reactivity

Human

Background

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.

Recommended Dilutions

Immunogen Information

Gene ID

9039

Swiss Prot

Q8TBC4

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 234-463 of human UBA3 (NP_003959.3).

Synonyms

NAE2; UBE1C; hUBA3; UBA3

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.