

Product Name: UBE3B Rabbit Polyclonal Antibody
Catalog #: APRab19534



Summary

Production Name	UBE3B Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	UBE3B
Alternative Names	UBE3B; Ubiquitin-protein ligase E3B
Gene ID	89910.0
SwissProt ID	Q7Z3V4.The antiserum was produced against synthesized peptide derived from human UBE3B. AA range:581-630

Application

Dilution Ratio	WB 1:500-1:2000. ELISA: 1:10000.
Molecular Weight	123kD

Background

The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived

Product Name: UBE3B Rabbit Polyclonal Antibody
Catalog #: APRab19534

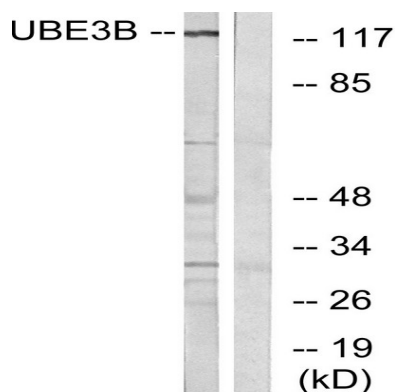


proteins for degradation. Ubiquitination involves at least three classes of enzymes: E1 ubiquitin-activating enzymes, E2 ubiquitin-conjugating enzymes, and E3 ubiquitin-protein ligases. This gene encodes a member of the E3 ubiquitin-conjugating enzyme family which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme and transfers the ubiquitin to the targeted substrates. A HECT (homology to E6-AP C-terminus) domain in the C-terminus of the longer isoform of this protein is the catalytic site of ubiquitin transfer and forms a complex with E2 conjugases. Shorter isoforms of this protein which lack the C-terminal HECT domain are therefore unlikely to bind E2 enzymes. Alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. [profuction:E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates.,pathway:Protein modification; protein ubiquitination.,similarity:Contains 1 HECT (E6AP-type E3 ubiquitin-protein ligase) domain.,similarity:Contains 1 IQ domain.,tissue specificity:Widely expressed.,

Research Area

Ubiquitin mediated proteolysis;

Image Data



Western blot analysis of lysates from Jurkat cells, using UBE3B Antibody. The lane on the right is blocked with the synthesized peptide.

Note

For research use only.