

UBE3B Polyclonal Antibody

Catalog No: YT4801

Reactivity: Human; Mouse

Applications: WB;IHC;IF;ELISA

Target: UBE3B

Fields: >>Ubiquitin mediated proteolysis

Gene Name: UBE3B

Protein Name: Ubiquitin-protein ligase E3B

Q7Z3V4

Q9ES34

Human Gene Id: 89910

Human Swiss Prot

No:

Mouse Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from human

UBE3B. AA range:581-630

Specificity: UBE3B Polyclonal Antibody detects endogenous levels of UBE3B protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution : WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

1/3

Observed Band: 123kD

Cell Pathway: Ubiquitin mediated proteolysis;

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: 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. [pro

Function: function: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.,

Subcellular Location:

nucleus, cytoplasm,

Expression: Widely expressed.

Sort: 23869

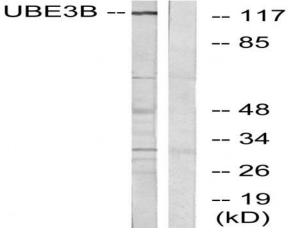
No4:

Host: Rabbit

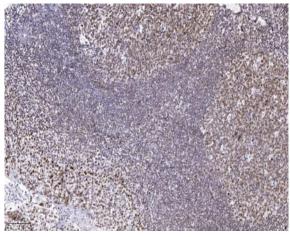
Modifications: Unmodified

Products Images

2/3



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



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).