

UBE3B antibody

Catalog No: #62234

Package Size: #62234 100ul

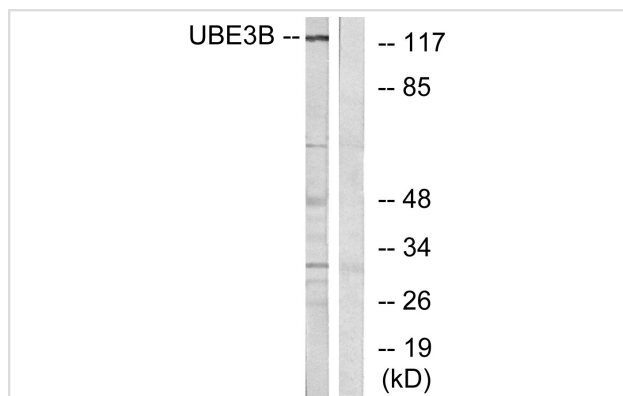
Description

Product Name	UBE3B antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB, IHC, IF, ELISA
Species Reactivity	Human, Mouse
Specificity	UBE3B Polyclonal Antibody detects endogenous levels of UBE3B.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human UBE3B. AA range:581-630
Target Name	UBE3B
Calculated MW	123kD
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

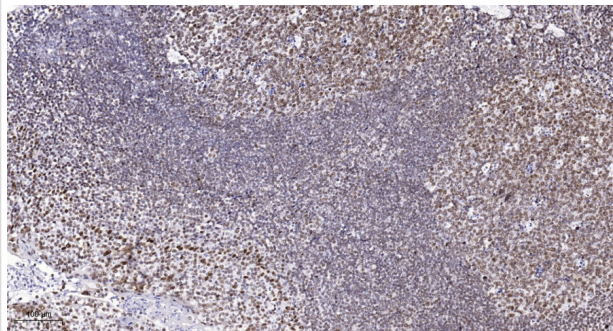
WB 1:500-1:2000; IHC 1:100-1:300; ELISA 1:10000; IF 1:50-200

Images



Western blot analysis of lysates from Jurkat cells using UBE3B Antibody.

1. Jurkat whole cell lysate
2. Jurkat whole cell lysate blocked with the synthesized peptide



Immunohistochemical analysis of paraffin-embedded human tonsil using UBE3B Antibody at 1:200.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.