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UBE2L6 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP2118a

Specification

UBE2L6 Antibody (N-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	O14933
Other Accession	NP_937826
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**1-30**

UBE2L6 Antibody (N-term) - Additional Information

Gene ID 9246

Other Names
Ubiquitin/ISG15-conjugating enzyme E2 L6, Retinoic acid-induced gene B protein, RIG-B, UbcH8, Ubiquitin carrier protein L6, Ubiquitin-protein ligase L6, UBE2L6, UBCH8

Target/Specificity
This UBE2L6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human UBE2L6.

Dilution
WB~~1:1000
IHC-P~~1:50~100

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
UBE2L6 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

UBE2L6 Antibody (N-term) - Protein Information

Name UBE2L6

Synonyms UBCH8

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Function Catalyzes the covalent attachment of ubiquitin or ISG15 to other proteins. Functions in the E6/E6-AP-induced ubiquitination of p53/TP53. Promotes ubiquitination and subsequent proteasomal degradation of FLT3.

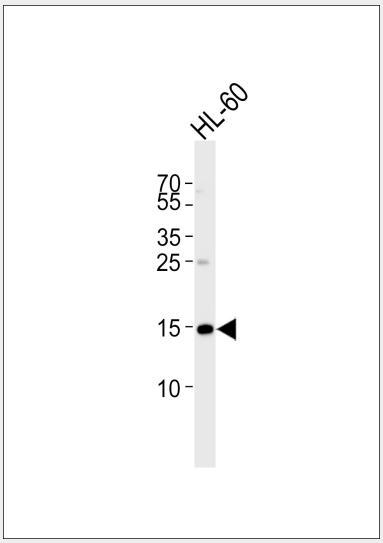
Tissue Location
Present in natural killer cells (at protein level).

UBE2L6 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

UBE2L6 Antibody (N-term) - Images



Western blot analysis of lysate from HL-60 cell line, using UBE2L6 Antibody (M1) (Cat. #AP2118A). AP2118A was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

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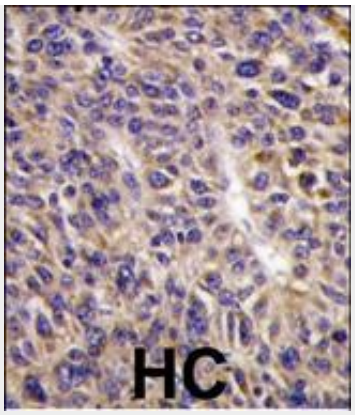

Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with UBE2L6 Antibody (N-term)(Cat.#AP2118a), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

UBE2L6 Antibody (N-term) - 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 (E1s), ubiquitin-conjugating enzymes (E2s) and ubiquitin-protein ligases (E3s). UBE2L6 is a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is demonstrated to function in the E6/E6-ap-induced ubiquitination of p53.

UBE2L6 Antibody (N-term) - References

Kumar, S., et al., J. Biol. Chem. 272(21):13548-13554 (1997).
Ardley, H.C., et al., Cytogenet. Cell Genet. 89 (1-2), 137-140 (2000).

UBE2L6 Antibody (N-term) - Citations

- Inhibition of UBE2L6 attenuates ISGylation and impedes ATRA-induced differentiation of leukemic cells
- Bortezomib Causes ER Stress-related Death of Acute Promyelocytic Leukemia Cells Through Excessive Accumulation of PML-RARA.
- Interferon-induced ISG15 conjugation inhibits influenza A virus gene expression and replication in human cells.
- TSA downregulates Wilms tumor gene 1 (Wt1) expression at multiple levels.