

UBCH9 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP2170B

Specification

UBCH9 Antibody (C-term) - Product Information

Application WB,E
Primary Accession Q969T4

Other Accession P52483, Q2T9X7

Reactivity Human

Predicted Bovine, Mouse

Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Calculated MW 22913
Antigen Region 176-206

UBCH9 Antibody (C-term) - Additional Information

Gene ID 10477

Other Names

Ubiquitin-conjugating enzyme E2 E3, UbcH9, Ubiquitin carrier protein E3, Ubiquitin-conjugating enzyme E2-23 kDa, Ubiquitin-protein ligase E3, UBE2E3, UBCE4, UBCH9

Target/Specificity

This UBCH9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 176-206 amino acids from the C-terminal region of human UBCH9.

Dilution

WB~~1:1000

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

UBCH9 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

UBCH9 Antibody (C-term) - Protein Information

Name UBE2E3



Synonyms UBCE4, UBCH9

Function Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-11'- and 'Lys-48'-, as well as 'Lys-63'-linked polyubiquitination. Participates in the regulation of transepithelial sodium transport in renal cells. May be involved in cell growth arrest.

Cellular Location

Nucleus. Cytoplasm. Note=Shuttles between the nucleus and cytoplasm in a IPO11-dependent manner

Tissue Location

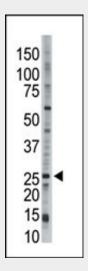
Ubiquitously expressed at low levels. Highly expressed in skeletal muscle.

UBCH9 Antibody (C-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

UBCH9 Antibody (C-term) - Images



The anti-UBCH9 Pab (Cat. #AP2170b) is used in Western blot to detect UBCH9 in Jurkat cell lysate.

UBCH9 Antibody (C-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, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. UBCH9 is a member of the E2 ubiquitin-conjugating enzyme family. The encoded protein shares 100% sequence identity with the mouse and rat counterparts, which



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indicates that this enzyme is highly conserved in eukaryotes. Two alternatively spliced transcript variants encoding the same protein have been found.

UBCH9 Antibody (C-term) - References

Ito, K., et al., Cytogenet. Cell Genet. 84 (1-2), 99-104 (1999).