

UBE2H Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16924C**Specification**

UBE2H Antibody (Center) - Product Information

Application	WB,E
Primary Accession	P62256
Other Accession	P62257 , Q32LN1 , NP_874356.1 , NP_003335.1
Reactivity	Human
Predicted	Bovine, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	20655
Antigen Region	42-70

UBE2H Antibody (Center) - Additional Information**Gene ID** 7328**Other Names**

Ubiquitin-conjugating enzyme E2 H, UbcH2, Ubiquitin carrier protein H, Ubiquitin-conjugating enzyme E2-20K, Ubiquitin-protein ligase H, UBE2H

Target/Specificity

This UBE2H antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 42-70 amino acids from the Central region of human UBE2H.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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

UBE2H Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

UBE2H Antibody (Center) - Protein Information**Name** UBE2H

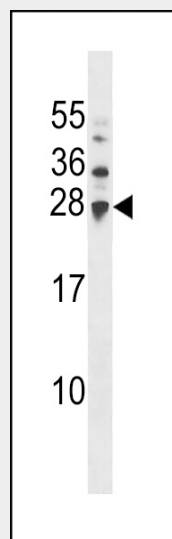
Function Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins (PubMed:[17588522](#), PubMed:[20061386](#), PubMed:[8132613](#)). E2 ubiquitin conjugating enzyme that transfers ubiquitin to MAEA, a core component of the CTLH E3 ubiquitin- protein ligase complex (PubMed:[29911972](#)). In vitro catalyzes 'Lys- 11'- and 'Lys-48'-linked polyubiquitination (PubMed:[20061386](#)). Capable, in vitro, to ubiquitinate histone H2A (PubMed:[8132613](#)).

UBE2H Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

UBE2H Antibody (Center) - Images



UBE2H Antibody (Center) (Cat. #AP16924c) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the UBE2H antibody detected the UBE2H protein (arrow).

UBE2H Antibody (Center) - 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. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. The encoded protein sequence is 100% identical to the mouse homolog and 98% identical to the frog and zebrafish homologs. Two alternatively spliced transcript variants have been found for this gene and they encode distinct

isoforms.

UBE2H Antibody (Center) - References

Lausen, J., et al. J. Biol. Chem. 285(8):5338-5346(2010)
Martin, I., et al. Amyotroph Lateral Scler 10 (5-6), 432-435 (2009) :
de Krom, M., et al. Biol. Psychiatry 65(7):625-630(2009)
Martin, I., et al. Amyotroph Lateral Scler, 1-4 (2008) In press :
Kim, H.J., et al. Immunol. Lett. 95(2):155-159(2004)