

Anti-UBE2T Antibody
Rabbit polyclonal antibody to UBE2T
Catalog # AP59833**Specification**

Anti-UBE2T Antibody - Product Information

Application	WB, IP
Primary Accession	O9NPD8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22521

Anti-UBE2T Antibody - Additional Information**Gene ID** 29089**Other Names**

Ubiquitin-conjugating enzyme E2 T; Cell proliferation-inducing gene 50 protein; Ubiquitin carrier protein T; Ubiquitin-protein ligase T

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human UBE2T. The exact sequence is proprietary.

Dilution

WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100)

IP~~N/A

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-UBE2T Antibody - Protein Information**Name** UBE2T**Function**

Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. Catalyzes monoubiquitination. Involved in mitomycin-C (MMC)-induced DNA repair. Acts as a specific E2 ubiquitin-conjugating enzyme for the Fanconi anemia complex by associating with E3 ubiquitin-protein ligase FANCL and catalyzing monoubiquitination of FANCD2, a key step in the DNA damage pathway (PubMed:16916645, PubMed:17938197, PubMed:19111657)

target="_blank">19111657, PubMed:19589784, PubMed:28437106). Also mediates monoubiquitination of FANCL and FANCI (PubMed:16916645, PubMed:17938197, PubMed:19111657, PubMed:19589784). May contribute to ubiquitination and degradation of BRCA1 (PubMed:19887602). In vitro able to promote polyubiquitination using all 7 ubiquitin Lys residues, but may prefer 'Lys-11', 'Lys-27', 'Lys-48' and 'Lys-63'-linked polyubiquitination (PubMed:20061386).

Cellular Location

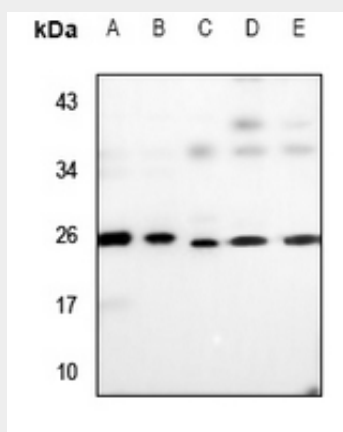
Nucleus. Note=Accumulates to chromatin

Anti-UBE2T Antibody - 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](#)

Anti-UBE2T Antibody - Images



Western blot analysis of UBE2T expression in MCF7 (A), HepG2 (B), CT26 (C), C6 (D), H9C2 (E) whole cell lysates.

Anti-UBE2T Antibody - Background

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