

UBE2T Polyclonal Antibody

Catalog Number PA5-18122

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Goat / IgG	Tested Applications	
Class	Polyclonal	Western Blot (WB)	Dilution * 0.1-0.3 µg/mL
Type	Antibody	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	Synthetic peptide sequence (QLVGIEKKFHPDV) corresponding to the C-terminus amino acids of UBE2T		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.5 mg/mL		
Purification	Ammonium sulfate precipitation		
Storage buffer	TBS, pH 7.3, with 0.5% BSA		
Contains	0.02% sodium azide		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

This antibody is tested in Peptide ELISA: antibody detection limit dilution 16,000.

Background/Target Information

UBE2T is involved in the covalent conjugation of ubiquitin to proteins regulates diverse cellular pathways and proteins. Ubiquitin is transferred to a target protein through a concerted action of a ubiquitin-activating enzyme (E1), a ubiquitin-conjugating enzyme (E2), such as UBE2T, and a ubiquitin ligase (E3). UBE2T catalyzes the covalent attachment of ubiquitin to protein substrates. Functionally, UBE2T accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins, catalyzes monoubiquitination, is involved in mitomycin-C (MMC)-induced DNA repair, and catalyzES monoubiquitination of FANCD2, a key step in the DNA damage pathway. Defects in the UBE2T gene have been associated with Fanconi anemia of complementation group T.

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Product Images For UBE2T Polyclonal Antibody



UBE2T Antibody (PA5-18122) in WB
Western blot analysis of UBE2T using UBE2T Polyclonal Antibody (Product # PA5-18122) (0.1 µg/mL) in staining of K562 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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