Immunotag™ UBE2T Antibody

Antibody Specification

Catalog No.	ITA5479
Product Description	Immunotag™ UBE2T Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	UBE2T
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500~1:1000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	UBE2T Antibody detects endogenous levels of total UBE2T
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	UBE2T
Accession No.	Q9NPD8
Alternate Names	Cell proliferation inducing gene 50 protein; Cell proliferation-inducing gene 50 protein; HSPC150; HSPC150 protein similar to ubiquitin conjugating enzyme; PIG50; Ube2t; UBE2T_HUMAN; Ubiquitin carrier protein T; Ubiquitin conjugating enzyme; ubiquitin conjugating enzyme E2 T; Ubiquitin conjugating enzyme E2T; Ubiquitin protein ligase T; Ubiquitin-conjugating enzyme E2 T; Ubiquitin-protein ligase T;

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Description	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, 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).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	22 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.