Product Datasheet

UBE2T Antibody

Catalog No: #35133

Package Size: #35133-1 50ul #35133-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

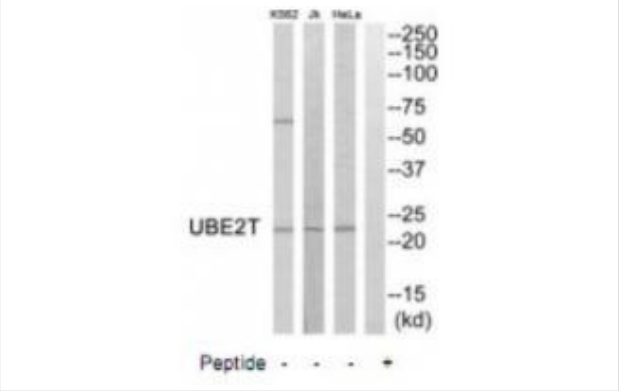
Description

Product Name	UBE2T Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total UBE2T protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human UBE2T.
Target Name	UBE2T
Other Names	Ubiquitin-conjugating enzyme E2 T; Ubiquitin-protein ligase T; Ubiquitin carrier protein T; UBE2T;
Accession No.	Swiss-Prot: Q9NPD8NCBI Gene ID: 29089
Uniprot	Q9NPD8
GeneID	29089;
SDS-PAGE MW	22kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from HeLa cells, Jurkat cells and K562 cells, using UBE2T antibody #35133.

Background

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. Also mediates monoubiquitination of FANCL and FANCI. May contribute to ubiquitination and degradation of BRCA1. 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.

Okaze H., Submitted (OCT-1999) to the EMBL/GenBank/DDBJ databases.

Hu R.-M., Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548(2000).

Zhang Q.-H., Genome Res. 10:1546-1560(2000).

Note: This product is for in vitro research use only