Anti-UBE2S antibody

Description	Unconjugated Rabbit polyclonal to UBE2S

Model	STJ191602
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Gene ID	27338
Gene Symbol	UBE2S
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	UBE2S Polyclonal Antibody detects endogenous levels of protein.
Purification	UBE2S antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Ubiquitin-conjugating enzyme E2 S E2 ubiquitin-conjugating enzyme S E2-EPF Ubiquitin carrier protein S Ubiquitin-conjugating enzyme E2-24 kDa Ubiquitin-conjugating enzyme E2-EPF5 Ubiquitin-protein ligase S
Molecular Weight	24 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol,and 0.02% sodium azide.

Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:17895OMIM:610309
Alternative Names	Ubiquitin-conjugating enzyme E2 S E2 ubiquitin-conjugating enzyme S E2-EPF Ubiquitin carrier protein S Ubiquitin-conjugating enzyme E2-24 kDa Ubiquitin-conjugating enzyme E2-EPF5 Ubiquitin-protein ligase S
Function	Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. Catalyzes 'Lys-11'-linked polyubiquitination. Acts as an essential factor of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated ubiquitin ligase that controls progression through mitosis. Acts by specifically elongating 'Lys-11'-linked polyubiquitin chains initiated by the E2 enzyme UBE2C/UBCH10 on APC/C substrates, enhancing the degradation of APC/C substrates by the proteasome and promoting mitotic exit. Also acts by elongating ubiquitin chains initiated by the E2 enzyme UBE2D1/UBCH5 in vitro; it is however unclear whether UBE2D1/UBCH5 acts as an E2 enzyme for the APC/C in vivo. Also involved in ubiquitination and subsequent degradation of VHL, resulting in an accumulation of HIF1A. In vitro able to promote polyubiquitination using all 7 ubiquitin Lys residues, except 'Lys-48'-linked polyubiquitination.
Post-translational Modifications	Autoubiquitinated by the APC/C complex during G1, leading to its degradation by the proteasome.