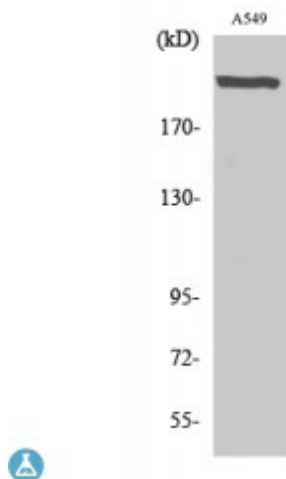


Anti-UBR5 antibody



Description	Rabbit polyclonal to UBR5.
Model	STJ96174
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human UBR5
Immunogen Region	1-80 aa, N-terminal
Gene ID	51366
Gene Symbol	UBR5
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:5000
Specificity	UBR5 Polyclonal Antibody detects endogenous levels of UBR5 protein.
Tissue Specificity	Widely expressed. Most abundant in testis and expressed at high levels in brain, pituitary and kidney.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	E3 ubiquitin-protein ligase UBR5 E3 ubiquitin-protein ligase, HECT domain-containing 1 HECT-type E3 ubiquitin transferase UBR5 Hyperplastic discs protein homolog hHYD Progesterin-induced protein
Molecular Weight	309 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:16806OMIM:608413
Alternative Names	E3 ubiquitin-protein ligase UBR5 E3 ubiquitin-protein ligase, HECT domain-containing 1 HECT-type E3 ubiquitin transferase UBR5 Hyperplastic discs protein homolog hHYD Progesterin-induced protein
Function	E3 ubiquitin-protein ligase which is a component of the N-end rule pathway. Recognizes and binds to proteins bearing specific N-terminal residues that are destabilizing according to the N-end rule, leading to their ubiquitination and subsequent degradation . Involved in maturation and/or transcriptional regulation of mRNA by activating CDK9 by polyubiquitination. May play a role in control of cell cycle progression. May have tumor suppressor function. Regulates DNA topoisomerase II binding protein (TopBP1) in the DNA damage response. Plays an essential role in extraembryonic development. Ubiquitinates acetylated PCK1. Also acts as a regulator of DNA damage response by acting as a suppressor of RNF168, an E3 ubiquitin-protein ligase that promotes accumulation of 'Lys-63'-linked histone H2A and H2AX at DNA damage sites, thereby acting as a guard against excessive spreading of ubiquitinated chromatin at damaged chromosomes.
Cellular Localization	Nucleus.