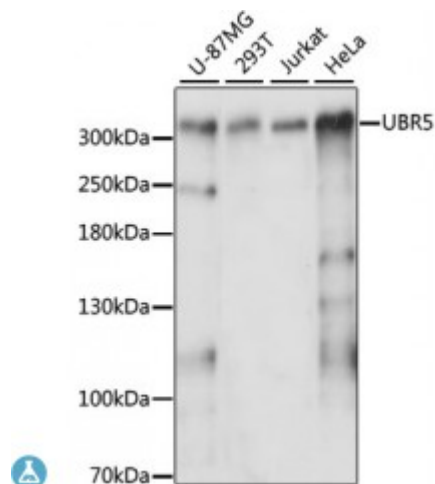


## Anti-UBR5 Antibody



### Description

This gene encodes a progestin-induced protein, which belongs to the HECT (homology to E6-AP carboxyl terminus) family. The HECT family proteins function as E3 ubiquitin-protein ligases, targeting specific proteins for ubiquitin-mediated proteolysis. This gene is localized to chromosome 8q22 which is disrupted in a variety of cancers. This gene potentially has a role in regulation of cell proliferation or differentiation.

<b>Model</b>	STJ115758
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Applications</b>	WB
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 550-760 of human UBR5 (NP_056986.2).
<b>Gene ID</b>	<a href="#">51366</a>
<b>Gene Symbol</b>	<a href="#">UBR5</a>
<b>Dilution range</b>	WB 1:500 - 1:2000
<b>Tissue Specificity</b>	Widely expressed, Most abundant in testis and expressed at high levels in brain, pituitary and kidney
<b>Purification</b>	Affinity purification
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	E3 ubiquitin-protein ligase UBR5
<b>Molecular Weight</b>	309.352 kDa

<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Storage Instruction</b>	Store at -20C. Avoid freeze / thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:16806OMIM:608413</a>
<b>Alternative Names</b>	E3 ubiquitin-protein ligase UBR5
<b>Function</b>	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,
<b>Cellular Localization</b>	Nucleus