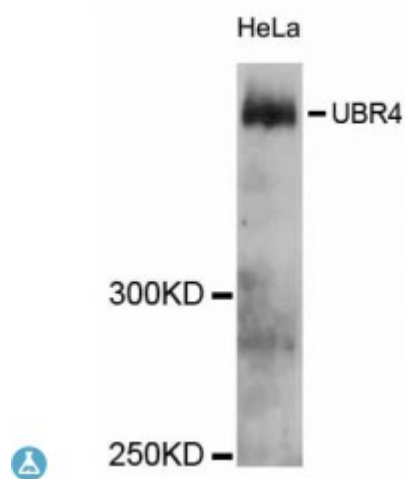


Anti-UBR4 Antibody



Description

The protein encoded by this gene is an E3 ubiquitin-protein ligase that interacts with the retinoblastoma-associated protein in the nucleus and with calcium-bound calmodulin in the cytoplasm. The encoded protein appears to be a cytoskeletal component in the cytoplasm and part of the chromatin scaffold in the nucleus. In addition, this protein is a target of the human papillomavirus type 16 E7 oncoprotein.

Model	STJ114085
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 4884-5183 of human UBR4 (NP_065816.2).
Gene ID	23352
Gene Symbol	UBR4
Dilution range	WB 1:500 - 1:1000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	E3 ubiquitin-protein ligase UBR4
Molecular Weight	573.841 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:30313OMIM:609890Reactome:R-HSA-6798695
Alternative Names	E3 ubiquitin-protein ligase UBR4
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, Together with clathrin, forms meshwork structures involved in membrane morphogenesis and cytoskeletal organization, Regulates integrin-mediated signaling, May play a role in activation of FAK in response to cell-matrix interactions, Mediates ubiquitination of ACLY, leading to its subsequent degradation,
Cellular Localization	Membrane, Cytoplasm, Cytoplasm, cytoskeleton, Nucleus,

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