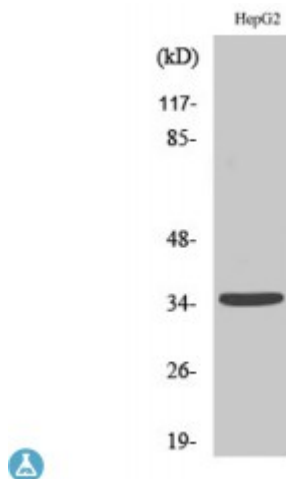


Anti-Ubr1 antibody



Description	Rabbit polyclonal to Ubr1.
Model	STJ96173
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human Ubr1
Immunogen Region	790-870 aa, Internal
Gene ID	197131
Gene Symbol	UBR1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000
Specificity	Ubr1 Polyclonal Antibody detects endogenous levels of Ubr1 protein.
Tissue Specificity	Broadly expressed, with highest levels in skeletal muscle, kidney and pancreas. Present in acinar cells of the pancreas (at protein level).
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 UBR1 N-recognin-1 RING-type E3 ubiquitin transferase UBR1 Ubiquitin-protein ligase E3-alpha-1 Ubiquitin-protein ligase E3-alpha-I
Molecular Weight	36 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:16808OMIM:243800
Alternative Names	E3 ubiquitin-protein ligase UBR1 N-recognin-1 RING-type E3 ubiquitin transferase UBR1 Ubiquitin-protein ligase E3-alpha-1 Ubiquitin-protein ligase E3-alpha-I
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. May be involved in pancreatic homeostasis. Binds leucine and is a negative regulator of the leucine-mTOR signaling pathway, thereby controlling cell growth.
Sequence and Domain Family	The RING-H2 zinc finger is an atypical RING finger with a His ligand in place of the fourth Cys of the classical motif.; The UBR-type zinc finger forms a pocket that mediates recognition of type 1 N-degrons. It exhibits preference for Arginine in first position, has poor affinity for histidine, and doesn't bind acetylated peptides.
Cellular Localization	Cytoplasm, cytosol