

Rabbit UBR4 Polyclonal Antibody | anti-UBR4 antibody

UBR4 Antibody

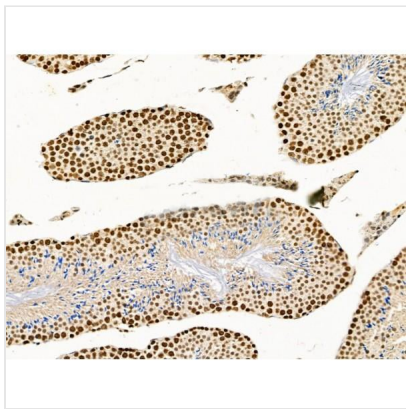
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31263	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Sheep(100%), Rabbit(100%), Dog(100%)	ELISA

PRODUCT SYNONYMS

UBR4; Polyclonal Antibody; UBR4 Antibody; 600 kDa retinoblastoma protein associated factor; 600 kDa retinoblastoma protein-associated factor; E3 ubiquitin-protein ligase UBR4; KIAA0462; KIAA1307; N-recognin-4; p600; RBAF600; Retinoblastoma associated factor 600 like protein; Retinoblastoma associated factor of 600 kDa; Retinoblastoma-associated factor 600; Retinoblastoma-associated factor of 600 kDa; Ubiquitin protein ligase E3 component n recognin 4; UBR4_HUMAN; Zinc finger UBR1 type protein 1; Zinc finger UBR1-type protein 1; Zinc finger; UBR1 type 1; ZUBR 1; ZUBR1; anti-UBR4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Sheep(100%), Rabbit(100%), Dog(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	UBR4 Antibody detects endogenous levels of total UBR4.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	5183
Applicable Applications for anti-UBR4 antibody	ELISA
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 ELISA(peptide): 1:20,000-1:40,000
Immunogen	A synthesized peptide derived from human UBR4, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



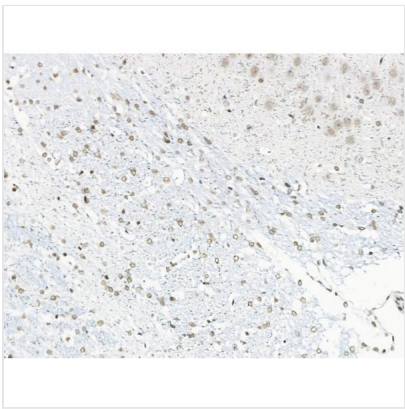
IHC (Immunohistochemistry-Paraffin)
AAA31263 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



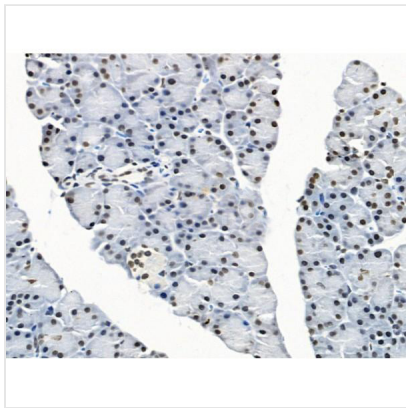
IHC (Immunohistochemistry-Paraffin)
AAA31263 at 1/100 staining Mouse muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



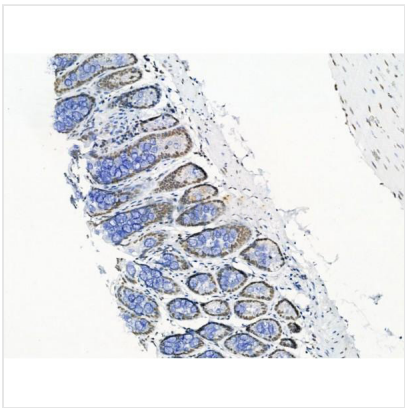
IHC (Immunohistochemistry-Paraffin)
AAA31263 at 1/100 staining Rat kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)
AAA31263 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)
AAA31263 at 1/100 staining Rat stomach tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry-Paraffin)
AAA31263 at 1/100 staining Rat colorectal tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-UBR4 antibody	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. Subcellular Location: Membrane>Multi-pass membrane protein. Cytoplasm. Cytoplasm>Cytoskeleton. Nucleus. Note: Concentrates at the leading edge of membrane structures involved in actin motility. Subunit Structure: Interacts with RB1 and calmodulin.(Microbial infection) Interacts with protein E7 from papilloma virus HPV-16, HPV-6B and HPV-11. Similarity: Belongs to the UBR4 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	82659109
NCBI GeneID	23352
NCBI Accession #	NP_065816.2
NCBI GenBank Nucleotide #	NP_065816.2
UniProt Accession #	Q5T4S7
Molecular Weight	Observed Molecular Weight: (Observed)573kD. Predicted Molecular Weight: (Calculated)574kDa.
NCBI Official Full Name	E3 ubiquitin-protein ligase UBR4
NCBI Official Synonym Full Names	ubiquitin protein ligase E3 component n-recognin 4
NCBI Official Symbol	UBR4
NCBI Official Synonym Symbols	p600; ZUBR1; RBAF600
NCBI Protein Information	E3 ubiquitin-protein ligase UBR4
UniProt Protein Name	E3 ubiquitin-protein ligase UBR4
UniProt Gene Name	UBR4
UniProt Synonym Gene Names	KIAA0462; KIAA1307; RBAF600; ZUBR1; RBAF600; p600

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.