

Rabbit anti-Human UBR1 Polyclonal Antibody | anti-UBR1 antibody

UBR1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234224	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

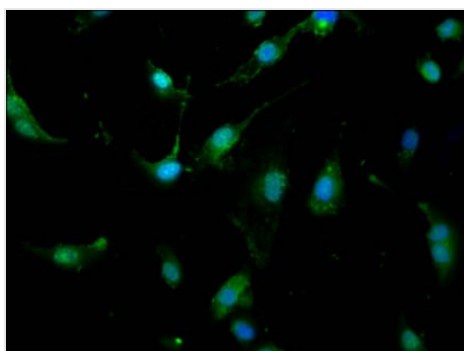
PRODUCT SYNONYMS

UBR1; Polyclonal Antibody; UBR1 Antibody; E3 ubiquitin-protein ligase UBR1; N-recogin-1; RING-type E3 ubiquitin transferase UBR1; Ubiquitin-protein ligase E3-alpha-1; Ubiquitin-protein ligase E3-alpha-I; anti-UBR1 antibody

PRODUCT SPECIFICATIONS

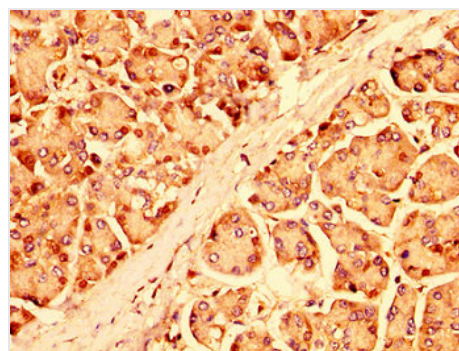
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1749
Applicable Applications for anti-UBR1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human E3 ubiquitin-protein ligase UBR1 protein (722-862AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of U251 cells with AAA234224 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234224 diluted at 1:500 and staining in paraffin-embedded human pancreatic tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-UBR1 antibody	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.
Product Categories/Family for anti-UBR1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	28372497
NCBI GeneID	197131
NCBI Accession #	NP_777576.1
NCBI GenBank Nucleotide #	NM_174916.2
UniProt Accession #	Q8IWV7; O60708; O75492; Q14D45; Q68DN9; Q8IWY6; Q96JY4
Molecular Weight	93,184 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase UBR1
NCBI Official Synonym Full Names	ubiquitin protein ligase E3 component n-recognin 1
NCBI Official Symbol	UBR1
NCBI Official Synonym Symbols	JBS
NCBI Protein Information	E3 ubiquitin-protein ligase UBR1
UniProt Protein Name	E3 ubiquitin-protein ligase UBR1
UniProt Gene Name	UBR1

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ubr1-antibody-immunofluorescence-immunohistochemistry-elisa/234224>