

Rabbit anti-Human UBA3 Monoclonal Antibody | anti-UBA3 antibody

UBA3 Rabbit mAb

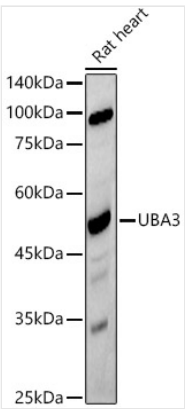
CATALOG # AAA282861	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

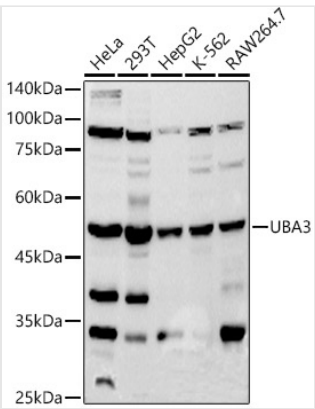
UBA3; Monoclonal Antibody; UBA3 Rabbit mAb; NAE2; UBE1C; hUBA3; anti-UBA3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MADGEEPEKK RRRIEELLA E KMAVDGGCGD TGDWEGRWNH VKKFLERSGP FTHPDFEPST ESLQFLDTC KVLVIGAGGL GCELLKNLAL SGFRQIHVID MDTIDVSNLN RQFLFRPKDI GRPKAEVAAE FLNDRVPCN VVPFHNKIQD FNDTFYRQFH IIVCGLDSII ARRWINGMLI SLLNYEDGVL DPSSIVPLID GGTEGFKGNA RVILPGMTAC IECTLELYPP QVNFPMTIA SMPRLPEHCI EYVRMLQWPK EQPFGEGVPL DGDDPEHIQW IFQKSLERAS QYNIRGVTYR LTQGVVKRII PAVASTNAVI AAVCATEVFK IATSAYIPLN NYLVFNDVDG LYTYTFEAEK KENCPCS QL PQNIQFSPSA KLQEVLDYLT NSASLQMKSP AITATLEGKN RTLYLQSVTS IEERTRPNLS KTLKELGLVD GQELAVADVT TPQTVLFKLH FTS
Applicable Applications for anti-UBA3 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-463 of human UBA3 (NP_003959.3).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.



WB (Western Blot)
Western blot analysis of lysates from Rat heart, using UBA3 Rabbit mAb (AAA282861) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



WB (Western Blot)
Western blot analysis of various lysates using UBA3 Rabbit mAb (AAA282861) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-UBA3 antibody	The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E1 ubiquitin-activating enzyme family. The encoded enzyme associates with AppBp1, an amyloid beta precursor protein binding protein, to form a heterodimer, and then the enzyme complex activates NEDD8, a ubiquitin-like protein, which regulates cell division, signaling and embryogenesis. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Product Categories/Family for anti-UBA3 antibody	Cell Biology Developmental Biology; Apoptosis; Ubiquitin; Ubiquitin-Proteasome Signaling Pathway; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	83305811
NCBI GeneID	9039
UniProt Accession #	Q8TBC4; O76088; Q9NTU3; A6NLB5; A8K027
Molecular Weight	Calculated MW: 52kDa Observed MW: 52kDa
UniProt Protein Name	NEDD8-activating enzyme E1 catalytic subunit
UniProt Gene Name	UBA3
UniProt Synonym Gene Names	UBE1C; Ubiquitin-activating enzyme 3
UniProt Entry Name	UBA3_HUMAN

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://stage.aaabiotech.com/monoclonal/uba3-antibody-western-blot-elisa/282861>