Rabbit anti-Human, Mouse UBA6 Polyclonal Antibody | anti-UBA6 antibody

Rabbit anti-UBA6 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212500	**Rabbit**	**Human, Mouse**	**Immunoprecipitation, Western Blot**

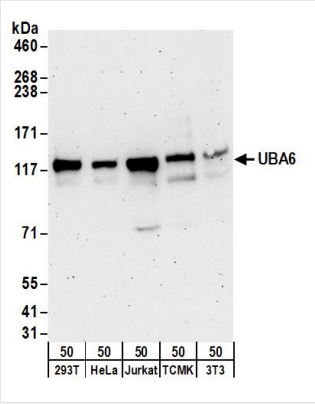
PRODUCT SYNONYMS

UBA6; Polyclonal Antibody; Rabbit anti-UBA6 Antibody; Affinity Purified; ubiquitin-activating enzyme E1; ubiquitin-like modifier-activating enzyme 6; ubiquitin-activating enzyme E1-like protein 2; ubiquitin-activating enzyme E1-like 2; UBE1L2; MOP-4; monocyte protein 4; E1-L2; ubiquitin-activating enzyme 6; Ubiquitin-like modifier-activating enzyme 6; ubiquitin like modifier activating enzyme 6; anti-UBA6 antibody

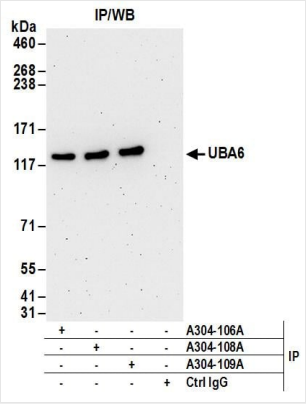
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-UBA6 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 775 and 825
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)
Detection of human and mouse UBA6 by western blot. Samples: Whole cell lysate (50 ug) from 293T, HeLa, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti-UBA6 antibody AAA212500 (lot AAA212500-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)
Detection of human UBA6 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from 293T cells. Antibodies: Affinity purified rabbit anti-UBA6 antibody AAA212500 (lot AAA212500-1) used for IP at 6 ug/mg lysate. UBA6 was also immunoprecipitated by rabbit anti-UBA6 antibodies and For blotting immunoprecipitated UBA6, AAA212500 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-UBA6 antibody	Ubiquitin-like modifier-activating enzyme 6 (UBA6) activates ubiquitin by first adenylating its C-terminal glycine residue with ATP, and thereafter linking this residue to the side chain of a cysteine residue in E1, yielding an ubiquitin-E1 thioester and free AMP. UBA6 is specific for ubiquitin and does not activate ubiquitin-like peptides. UBA6 differs from UBE1 in its specificity for substrate E2 charging. UBA6 does not charge cell cycle E2s, such as CDC34. UBE6 is essential for embryonic development and required for UBD/FAT10 conjugation [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/A0AVT1].
Product Categories/Family for anti-UBA6 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	150417996
NCBI GeneID	55236
NCBI Accession #	NP_060697.4
NCBI GenBank Nucleotide #	NM_018227.5
UniProt Accession #	A0AVT1; Q4W5K0; Q6UV21; Q86T78; Q86TC7; Q8N5T3; Q8N9E4; Q9H3T7; Q9NVC9; A6N8M7; B2RAV3
Molecular Weight	37,693 Da
NCBI Official Full Name	ubiquitin-like modifier-activating enzyme 6
NCBI Official Synonym Full Names	ubiquitin-like modifier activating enzyme 6
NCBI Official Symbol	UBA6
NCBI Official Synonym Symbols	E1-L2; MOP-4; UBE1L2
NCBI Protein Information	ubiquitin-like modifier-activating enzyme 6; monocyte protein 4; ubiquitin-activating enzyme 6; UBA6, ubiquitin-activating enzyme E1; ubiquitin-activating enzyme E1-like 2; ubiquitin-activating enzyme E1-like protein 2
UniProt Protein Name	Ubiquitin-like modifier-activating enzyme 6
UniProt Gene Name	**UBA6**
UniProt Synonym Gene Names	MOP4; UBE1L2; Ubiquitin-activating enzyme 6; MOP-4; E1-L2
UniProt Entry Name	UBA6_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/polyclonal/uba6-antibody-immunoprecipitation-western-blot-elisa/212500