

Rabbit anti-Human, Mouse UBE2E3 Polyclonal Antibody | anti-UBE2E3 antibody

UBE2E3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322684	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

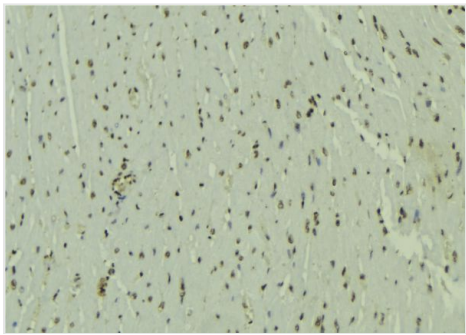
PRODUCT SYNONYMS

UBE2E3; Polyclonal Antibody; UBE2E3 Antibody; Homologous to yeast UBC4/5; UB2E3_HUMAN; UBC E4; Ubc M2; UBC4/5 homolog; UBCE 4; UBCE4; UBCH 9; UbcH9; UbcM2; UBE2 E3; Ubiquitin carrier protein; Ubiquitin carrier protein E3; Ubiquitin conjugating enzyme E2 23 kDa; Ubiquitin conjugating enzyme E2 E3; Ubiquitin conjugating enzyme E2E 3 (homologous to yeast UBC4/5); Ubiquitin conjugating enzyme E2E 3 (UBC4/5 homolog; yeast; Ubiquitin conjugating enzyme E2E 3; Ubiquitin conjugating enzyme UBCH 9; Ubiquitin conjugating enzyme UBCH9; Ubiquitin protein ligase; Ubiquitin protein ligase E3; Ubiquitin-conjugating enzyme E2 E3; Ubiquitin-conjugating enzyme E2-23 kDa; Ubiquitin-protein ligase E3; anti-UBE2E3 antibody

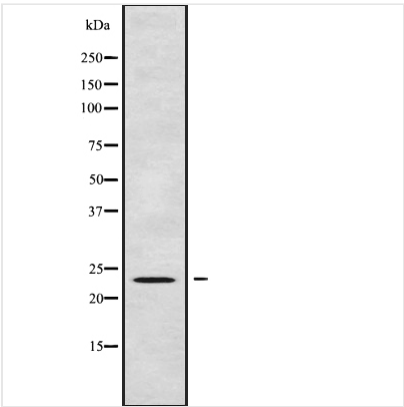
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	UBE2E3 antibody detects endogenous levels of total UBE2E3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	207
Applicable Applications for anti-UBE2E3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human UBE2E3
Subcellular Location	Nucleus. Cytoplasm. Shuttles between the nucleus and cytoplasm in a IPO11-dependent manner.
Tissue Specificity	Ubiquitously expressed at low levels. Highly expressed in skeletal muscle.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (90%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA322684 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 antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis UBE2E3 using HUVEC whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-UBE2E3 antibody	Function: Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-11'-and 'Lys-48'-, as well as 'Lys-63'-linked polyubiquitination. Participates in the regulation of transepithelial sodium transport in renal cells. May be involved in cell growth arrest. Subunit Structure: The ubiquitin-loaded form interacts specifically with importin-11 (IPO11), leading to its import into the nucleus. Interacts with NEDD4L. Similarity: Belongs to the ubiquitin-conjugating enzyme family.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	514052664
NCBI GeneID	10477
NCBI Accession #	NP_001265483.1
NCBI GenBank Nucleotide #	NM_001278554.1
UniProt Accession #	Q969T4; Q5U0R7; Q7Z4W4; B2RAD6; D3DPG3
Molecular Weight	Observed: 23 kDa Predicted: 23 kDa
NCBI Official Full Name	ubiquitin-conjugating enzyme E2 E3
NCBI Official Synonym Full Names	ubiquitin conjugating enzyme E2 E3
NCBI Official Symbol	UBE2E3
NCBI Official Synonym Symbols	UBCH9; UbcM2
NCBI Protein Information	ubiquitin-conjugating enzyme E2 E3
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 E3
UniProt Gene Name	UBE2E3
UniProt Synonym Gene Names	UBCE4; UBCH9

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.