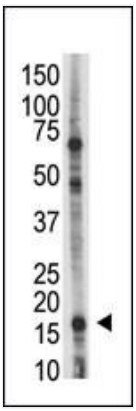
UBE2L6 Antibody – Rabbit Polyclonal

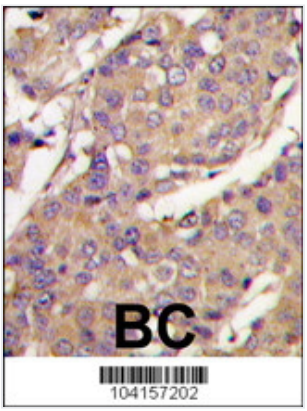
PRODUCT OVERVIEW

Product Name	UBE2L6, Polyclonal Antibody
Full Product Name	UBE2L6, CT (UBE2L6, UBCH8, Ubiquitin/ISG15-conjugating enzyme E2 L6, Retinoic acid-induced gene B protein, UbcH8, Ubiquitin carrier protein L6, Ubiquitin-protein ligase L6) (FITC)
Product Gene Name	anti-UBE2L6 antibody
Product Synonym Names	UBE2L6; UBCH8; Ubiquitin/ISG15-conjugating enzyme E2 L6; Retinoic acid-induced gene B protein; UbcH8; Ubiquitin carrier protein L6; Ubiquitin-protein ligase L6
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Protein G Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	153
OMIM	603890
3D Structure	ModBase 3D Structure for O14933
Immunogen	UBE2L6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 124~153 amino acids from the C-terminal region of human UBE2L6.
Conjugate	FITC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-UBE2L6 antibody	Antibodies; Ubiquitin Ligases
Applications Tested/Suitable for anti-UBE2L6 antibody	Immunohistochemistry (IHC), FLISA, Western Blot (WB)
Application Notes for anti-UBE2L6 antibody	IHC: 1:10-50 FLISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-UBE2L6 antibody	MBS6360742 is an antibody targeting UBE2L6. Also known as UBE2L6, CT (UBE2L6, UBCH8, Ubiquitin/ISG15-conjugating enzyme E2 L6, Retinoic acid-induced gene B protein, UbcH8, Ubiquitin carrier protein L6, Ubiquitin-protein ligase L6) (FITC). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-UBE2L6 antibody	Kumar, S., et al., J. Biol. Chem. 272(21):13548-13554 (1997). Ardley, H.C., et al., Cytogenet. Cell Genet. 89 (1-2), 137-140 (2000).

Other Notes	Small volumes of anti-UBE2L6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-UBE2L6 antibody
The UBE2L6 Antibody (C-term) is used in Western blot to detect UBE2L6 in HL-60 cell lysate.



Immunohistochemistry (IHC) of anti-UBE2L6 antibody
Formalin-fixed and paraffin-embedded breast carcinoma tissue reacted with UBE2L6 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UBE2L6. It may not necessarily be applicable to this product.

NCBI GI #	239938941
NCBI GeneID	9246
NCBI Accession #	O14933.4
UniProt Primary Accession #	O14933
UniProt Secondary Accession #	Q8N5D8; Q9UEZ0; A6NDM6; A8MY53
UniProt Related Accession #	O14933
NCBI Official Full Name	Ubiquitin/ISG15-conjugating enzyme E2 L6
NCBI Official Synonym Full Names	ubiquitin-conjugating enzyme E2L 6
NCBI Official Symbol	UBE2L6
NCBI Official Synonym Symbols	RIG-B; UBCH8
UniProt Protein Name	Ubiquitin/ISG15-conjugating enzyme E2 L6
UniProt Synonym Protein Names	Retinoic acid-induced gene B protein; RIG-B; UbcH8; Ubiquitin carrier protein L6; Ubiquitin-protein ligase L6
Protein Family	Ubiquitin/ISG15-conjugating enzyme
UniProt Gene Name	UBE2L6
UniProt Synonym Gene Names	UBCH8; RIG-B
UniProt Entry Name	UB2L6_HUMAN
NCBI Protein Information	ubiquitin/ISG15-conjugating enzyme E2 L6; ubiquitin-protein ligase L6; ubiquitin carrier protein L6; retinoic acid induced gene B protein; retinoic acid-induced gene B protein

NCBI Summary for UBE2L6	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 (E1s), ubiquitin-conjugating enzymes (E2s) and ubiquitin-protein ligases (E3s). This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is highly similar in primary structure to the enzyme encoded by the UBE2L3 gene. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, May 2011]
UniProt Comments for UBE2L6	UBE2L6: Catalyzes the covalent attachment of ubiquitin or ISG15 to other proteins. Functions in the E6/E6-AP-induced ubiquitination of p53/TP53. Promotes ubiquitination and subsequent proteasomal degradation of FLT3. Belongs to the ubiquitin-conjugating enzyme family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: EC 6.3.2.19; Ubiquitin ligase; Ligase; Ubiquitin conjugating system Chromosomal Location of Human Ortholog: 11q12 Cellular Component: cytosol Molecular Function: protein binding; ISG15 conjugating enzyme activity; ubiquitin-protein ligase activity; ligase activity Biological Process: modification-dependent protein catabolic process; ISG15-protein conjugation; cytokine and chemokine mediated signaling pathway; protein modification process; protein ubiquitination; innate immune response; negative regulation of interferon type I production
Research Articles on UBE2L6	**1.** study reports that UBCH8 and UBE2G1 and UBE2G2 cooperate with CRL4Cdt2 in promoting the polyubiquitylation and subsequent degradation of p21 and Cdt1, respectively
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/ube2l6/6360742