Datasheet for ABIN1398564

anti-UBE2G2 antibody (AA 100-165) (AbBy Fluor® 647)

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Overview

Quantity:	100 µL
Target:	UBE2G2
Binding Specificity:	AA 100-165
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBE2G2 antibody is conjugated to AbBy Fluor® 647
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Ube2G2/UBC7
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	UBE2G2
Alternative Name:	Ube2G2 (UBE2G2 Products)
Background:	Synonyms: Human ubiquitin conjugating enzyme G29, UB2G2_HUMAN, UBC 7, UBC7, UBC7

Target Details

	homolog yeast, UBE2G2, Ubiquitin carrier protein G2, Ubiquitin conjugating enzyme 7, Ubiquitin conjugating enzyme E2 G2, Ubiquitin conjugating enzyme E2G 2 homologous to yeast UBC7, Ubiquitin conjugating enzyme E2G 2 UBC7 homolog yeast, Ubiquitin conjugating enzyme E2G 2, Ubiquitin conjugating enzyme G2, Ubiquitin protein ligase G2, Ubiquitin-conjugating enzyme E2 G2, Ubiquitin-protein ligase G2. Background: UBE2G2 (Ubiquitin-conjugating enzyme E2 G2), also known as UBC7, is a 165 amino acid protein involved in ubiquitin-mediated protein degradation. Ubiquitination is an important mechanism through which three classes of enzymes act in concert to target short-lived or abnormal proteins for destruction. The three classes of enzymes involved in ubiquitination are the ubiquitin-activating enzymes (E1s), the ubiquitin-conjugating enzymes (E2s) and the ubiquitin-protein ligases (E3s). UBE2G2 is an E2 ubiquitin-conjugating enzyme that acts to catalyze the covalent attachment of ubiquitins to various proteins. Expressed throughout the body, UBE2G2 shares 100 % sequence identity with its mouse counterpart and is thought to be involved in endoplasmic reticulum-associated degradation (ERAD). Two isoforms of UBE2G2 exist due to alternative splicing events.
Gene ID:	7327

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months