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Datasheet for ABIN5012180

anti-UBE2W antibody (AA 71-151) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	UBE2W
Binding Specificity:	AA 71-151
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBE2W antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human UBE2W
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	UBE2W
Alternative Name:	UBE2W (UBE2W Products)

Target Details

Background:	<p>Synonyms: hUBC 16, hUBC16, Probable ubiquitin conjugating enzyme E2 W, Probable ubiquitin-conjugating enzyme E2 W, UBE 2W, ube2w, UBE2W_HUMAN, Ubiquitin carrier protein W, Ubiquitin conjugating enzyme 16, Ubiquitin conjugating enzyme E2 W, Ubiquitin conjugating enzyme E2W, Ubiquitin protein ligase W, Ubiquitin-protein ligase W, FLJ11011.</p> <p>Background: Ubiquitin is an abundant, highly conserved protein found in all eukaryotic cells either free or covalently attached to cellular proteins. 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). As an E2 class enzyme, UBE2W (Ubiquitin-conjugating enzyme E2 W), also known as Ubiquitin carrier protein W, is a 151 amino acid that catalyzes the conjugation of ubiquitin to proteins that are meant for lysosomal degradation. Functioning as a homodimer, UBE2W is widely expressed, with highest levels in testis. There are two isoforms of UBE2W that are produced as a result of alternative splicing events.</p>
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Gene ID:	55284
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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
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months