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anti-UBE20 antibody (AA 1201-1292)



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Overview

Quantity:	100 μL
Target:	UBE20
Binding Specificity:	AA 1201-1292
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBE2O antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffinembedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Target:

Alternative Name:

- Todaet Details	
Immunogen:	KLH conjugated synthetic peptide derived from human UBE20/E2 230K
Isotype:	IgG
Predicted Reactivity:	Mouse,Rat,Pig,Horse,Chicken
Purification:	Purified by Protein A.
Target Details	

UBE20

UBE20 (UBE20 Products)

Target Details

Background:

Synonyms: E2 230K, ubiquitin-conjugating enzyme E20, EC=6.3.2.19, FLJ12878, KIAA1734, Likely Ortholog of Mouse Ubiquitin Conjugating Enzyme, RP23 193A16.5, UBE20, UBE20_HUMAN, Ubiquitin carrier protein O, Ubiquitin conjugating enzyme E2 O, ubiquitin conjugating enzyme E20.

Background: UBE20, also known as E2-230K, is a 1,292 amino acid member of the uniquitin-conjugating enzyme family that is involved in protein modification. Expressed predominately in heart and skeletal muscle, UBE20 functions to catalyze the ATP-dependent covalent attachment of ubiquitin to select proteins, thereby targeting the ubiquitinated proteins for proteasomal degradation. The gene encoding UBE20 maps to human chromosome 17, which comprises over 2.5 % of the human genome and encodes over 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Tumor suppressor p53 is necessary for maintenance of cellular genetic integrity by moderating cell fate through DNA repair versus cell death. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. Like p53, BRCA1 is directly involved in DNA repair, though specifically it is recognized as a genetic determinant of early onset breast cancer and predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes.

Gene ID:

63893

Application Details

Application Notes: ELISA 1:500-1000

IHC-P 1:200-400

IHC-F 1:100-500

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:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months