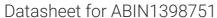
antibodies - online.com







anti-UBE20 antibody (AA 1201-1292) (Biotin)



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Quantity:	100 μL
Target:	UBE20
Binding Specificity:	AA 1201-1292
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBE20 antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product 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

Target:	UBE20
Alternative Name:	UBE20 (UBE20 Products)
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, UBE2O, UBE2O_HUMAN, Ubiquitin carrier protein O, Ubiquitin conjugating enzyme E2 O, ubiquitin conjugating enzyme E2O.

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:	IHC-P 1:200-400	
	IHC-F 1:100-500	

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 for 12 months.

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Expiry Date:

12 months