



Anti-UBE2W (aa 17-112) polyclonal antibody (DPAB-DC2397)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a nuclear-localized ubiquitin-conjugating enzyme (E2) that, along with ubiquitin-activating (E1) and ligating (E3) enzymes, coordinates the addition of a ubiquitin moiety to existing proteins. The encoded protein promotes the ubiquitination of Fanconi anemia complementation group proteins and may be important in the repair of DNA damage. There is a pseudogene for this gene on chromosome 1. Alternative splicing results in multiple transcript variants.
Immunogen	UBE2W (NP_001001481, 17 a.a. ~ 112 a.a) partial recombinant protein with GST tag. The sequence is KRLQKELLALQNDPPPGMTLNEKSVQNSITQWIVDMEGAPGTLYEGEKFQLLFKFSSRYP FDSPQVMFTGENIPVHPHVYSNGHICLSILTEDWSP
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	UBE2W ubiquitin-conjugating enzyme E2W (putative) [Homo sapiens (human)]
Official Symbol	UBE2W
Synonyms	UBE2W; ubiquitin-conjugating enzyme E2W (putative); UBC16; UBC-16; ubiquitin-conjugating enzyme E2 W; N-terminus-conjugating E2; ubiquitin-protein ligase W; ubiquitin carrier protein W; ubiquitin-conjugating enzyme 16; ubiquitin-conjugating enzyme 2W;
Entrez Gene ID	55284
Protein Refseq	NP_001001481
UniProt ID	Q96B02
Chromosome Location	8q21.11
Pathway	Adaptive Immune System; Proteasome degradation; presentation; Ubiquitin mediated proteolysis
Function	ATP binding; acid-amino acid ligase activity; ubiquitin protein ligase binding; ubiquitin-protein transferase activity