



Human USP11 blocking peptide (CDBP3140)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-USP11/UHX1 antibody
Antigen Description	Protein ubiquitination controls many intracellular processes, including cell cycle progression, transcriptional activation, and signal transduction. This dynamic process, involving ubiquitin conjugating enzymes and deubiquitinating enzymes, adds and removes ubiquitin. Deubiquitinating enzymes are cysteine proteases that specifically cleave ubiquitin from ubiquitin-conjugated protein substrates. This gene encodes a deubiquitinating enzyme which lies in a gene cluster on chromosome Xp11.23 [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	USP11 ubiquitin specific peptidase 11 [Homo sapiens]
Official Symbol	USP11
Synonyms	USP11; ubiquitin specific peptidase 11; ubiquitin specific protease 11; ubiquitin carboxyl-terminal hydrolase 11; UHX1; ubiquitin thioesterase 11; deubiquitinating enzyme 11; ubiquitin

thiolesterase 11; ubiquitin-specific processing protease 11; ubiquitin-specific-processing protease 11; ubiquitin carboxyl-terminal hydrolase, X-linked;

Entrez Gene ID	8237
mRNA Refseq	NM_004651
Protein Refseq	NP_004642
UniProt ID	P51784
Chromosome Location	Xp11.23
Pathway	Association of TriC/CCT with target proteins during biosynthesis, organism-specific biosystem; Chaperonin-mediated protein folding, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Protein folding, organism-specific biosystem; TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;
Function	cysteine-type endopeptidase activity; peptidase activity; protein binding; ubiquitin thiolesterase activity; ubiquitin-specific protease activity;
