



## Human USP14 blocking peptide (CDBP3141)

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

### PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-USP14/TGT antibody
Antigen Description	This gene encodes a member of the ubiquitin-specific processing (UBP) family of proteases that is a deubiquitinating enzyme (DUB) with His and Cys domains. This protein is located in the cytoplasm and cleaves the ubiquitin moiety from ubiquitin-fused precursors and ubiquitinylated proteins. Mice with a mutation that results in reduced expression of the ortholog of this protein are retarded for growth, develop severe tremors by 2 to 3 weeks of age followed by hindlimb paralysis and death by 6 to 10 weeks of age. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [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	<a href="#">USP14 ubiquitin specific peptidase 14 (tRNA-guanine transglycosylase) [ Homo sapiens ]</a>
Official Symbol	USP14
Synonyms	USP14; ubiquitin specific peptidase 14 (tRNA-guanine transglycosylase); ubiquitin specific

protease 14 (tRNA guanine transglycosylase); ubiquitin carboxyl-terminal hydrolase 14; TGT; ubiquitin thioesterase 14; deubiquitinating enzyme 14; ubiquitin thiolesterase 14; ubiquitin-specific processing protease 14; ubiquitin-specific-processing protease 14; tRNA-guanine transglycosylase, 60-kD subunit; ubiquitin specific protease 14 (tRNA-guanine transglycosylase);

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<b>Entrez Gene ID</b>	<a href="#">9097</a>
<b>mRNA Refseq</b>	<a href="#">NM_001037334</a>
<b>Protein Refseq</b>	<a href="#">NP_001032411</a>
<b>UniProt ID</b>	P54578
<b>Chromosome Location</b>	18p11.32
<b>Function</b>	cysteine-type endopeptidase activity; endopeptidase inhibitor activity; peptidase activity; proteasome binding; protein binding; tRNA guanylyltransferase activity; ubiquitin thiolesterase activity; ubiquitin-specific protease activity;

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