



# Human PDZD2 blocking peptide (CDBP2193)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-PAPIN/PDZK3 antibody
<b>Antigen Description</b>	Proteins containing PDZ domains have been shown frequently to bind the C-termini of transmembrane receptors or ion channels. They have also been shown to bind to other PDZ domain proteins and could possibly be involved in intracellular signalling. The protein encoded by this gene contains six PDZ domains and shares sequence similarity with pro-interleukin-16 (pro-IL-16). Like pro-IL-16, the encoded protein localizes to the endoplasmic reticulum and is thought to be cleaved by a caspase to produce a secreted peptide containing two PDZ domains. In addition, this gene is upregulated in primary prostate tumors and may be involved in the early stages of prostate tumorigenesis. [provided by RefSeq, Jul 2008]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">PDZD2 PDZ domain containing 2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	PDZD2

<b>Synonyms</b>	PDZD2; PDZ domain containing 2; AIPC; PIN1; PAPIN; PDZK3; PDZ domain-containing protein 2; PDZ domain-containing protein 3; activated in prostate cancer protein;
<b>Entrez Gene ID</b>	<a href="#">23037</a>
<b>mRNA Refseq</b>	<a href="#">NM_178140.2</a>
<b>Protein Refseq</b>	<a href="#">NP_835260.2</a>
<b>UniProt ID</b>	O15018
<b>Chromosome Location</b>	5p13.3