



# Rabbit Anti-Human DPP3 Polyclonal Antibody (CABT-L2155)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Polyclonal Antibody to Dipeptidyl Peptidase 3 (Knockout Validated)
<b>Specificity</b>	The antibody is a rabbit polyclonal antibody raised against DPP3. It has been selected for its ability to recognize DPP3 in immunohistochemical staining and western blotting.
<b>Target</b>	DPP3
<b>Immunogen</b>	Recombinant fragment corresponding to human DPP3 (Ala2~Gln261)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Rat
<b>Purification</b>	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	200 µg
<b>Buffer</b>	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
<b>Preservative</b>	0.05% Proclin-300

<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
<b>Ship</b>	4°C with ice bags

## BACKGROUND

<b>Introduction</b>	This gene encodes a protein that is a member of the M49 family of metallopeptidases. This cytoplasmic protein binds a single zinc ion with its zinc-binding motif (HELLGH) and has post-proline dipeptidyl aminopeptidase activity, cleaving Xaa-Pro dipeptides from the N-termini of proteins. Increased activity of this protein is associated with endometrial and ovarian cancers. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Feb 2012]
<b>Keywords</b>	DPPIII;Dipeptidylpeptidase 3;Enkephalinase B;Dipeptidyl arylamidase III;Dipeptidyl aminopeptidase III

## GENE INFORMATION

<b>Gene Name</b>	DPP3 dipeptidyl-peptidase 3 [ Homo sapiens (human) ]
<b>Official Symbol</b>	DPP3
<b>Synonyms</b>	DPP3; dipeptidyl-peptidase 3; DPPIII; dipeptidyl peptidase 3; DPP III; dipeptidyl aminopeptidase III; dipeptidyl arylamidase III; dipeptidyl peptidase III; enkephalinase B;
<b>Entrez Gene ID</b>	<a href="#">10072</a>
<b>Protein Refseq</b>	NP_001243599
<b>UniProt ID</b>	<a href="#">Q9NY33</a>
<b>Chromosome Location</b>	11q13.2
<b>Function</b>	dipeptidyl-peptidase activity; metallopeptidase activity; protein binding; zinc ion binding;