

## DPP9 rabbit monoclonal antibody

Catalog # H00091039-K

Size 100 ug x up to 3

### Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human DPP9 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human DPP9 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human DPP9 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — DPP9

**Entrez GeneID** [91039](#)

**GeneBank Accession#** [DPP9](#)

**Gene Name** DPP9

**Gene Alias** DKFZp762F117, DPRP2, FLJ16073

**Gene Description** dipeptidyl-peptidase 9

**Omim ID** [608258](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** This gene encodes a protein that is a member of the S9B family in clan SC of the serine protease s. The protein has been shown to have post-proline dipeptidyl aminopeptidase activity, cleaving X aa-Pro dipeptides from the N-termini of proteins. Although the activity of this protein is similar to that of dipeptidyl peptidase 4 (DPP4), it does not appear to be membrane bound. In general, dipeptidyl peptidases appear to be involved in the regulation of the activity of their substrates and have been linked to a variety of diseases including type 2 diabetes, obesity and cancer. Several transcript variants of this gene have been described but not fully characterized. [provided by RefSeq]

**Other Designations** dipeptidyl peptidase IV-related protein-2|dipeptidylpeptidase 9

## Disease

- [Scoliosis](#)