

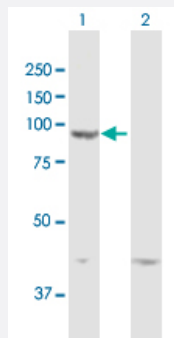
MaxPab®

# DPP9 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00091039-B01P

Size 50 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of DPP9 expression in transfected 293T cell line ([H00091039-T01](#)) by DPP9 MaxPab polyclonal antibody.

Lane 1: DPP9 transfected lysate(94.93 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Mouse polyclonal antibody raised against a full-length human DPP9 protein.

### Immunogen

DPP9 (ABM86453.1, 1 a.a. ~ 863 a.a) full-length human protein.

### Sequence

MATTGTPTADRGDAAATDDPAARFQVQKHSWDGLRSIIHGSRKYSGLIVNKAPHDFQFVQKTDES  
GPHSHRLYYLGMPYGSRENSLLYSEIPKKVRKEALLLSWKQMLDHFQATPHHGVYSREEELLRE  
RKRLGVFGITSYDFHSESGFLFQASNSLFHCRDGGKNGFMVSPMKPLEIKTQCSGPRMDPKICP  
ADPAFFSFINNSDLWVANIEETGEERRLTFC HQGLSNVLDDPKSAGVATFVIQEEFDRFTGYWWCP  
TASWEGSEGLKTLRILYEEVDESEVEVIHVPSPALEERKTD SYRYPRTGSKNPKIALKLAEFQTDS  
QGKIVSTQEKELVQPFSSLPKVEYIARAGWTRDGKYAWAMFLDRPQQWLQLVLLPPALFIPSTE  
NEEQRLASARAVPRNVQPYVVYEEVTNVWINVHDIFYFPQSEGEDEL CFLRANECKTGFCCHLYK  
VTAVLKSQGYDWSEPFSPGEDEFKCPKIEEIALTSGEWEVLARHGSKIWNNEETKL VYFQGT KDT  
PLEHHLYVVS YEAA GEMRLTTPGFSHSCSMSQNFDMFVSHYSSVSTPPCVHVYKLSGPDDDDPL  
HKQPRFWASMMEAASCPDYPPEIFHFHTRSDVRLYGMYPKHALQPGKKHPTVLFVYGGPQV  
QLVNNSFKGIKYLRLNTLASLGYAVVIDGRGSCQRGLRFEGALKNQMGQVEIEDQVEGLQFVAE  
KYGFIDLSRVAIHGWSYGGFLSLMGLIHKPQVFKVAIAGAPVTVWMA YDTGYTERYMDVPENNQH  
GYEAGSVALHVEKLPNEPNRLLILHGFLDENVHFFHTNFLVSQLIRAGKPYQLQYPNERHSIRCPE  
SGEHYEVTL LHFLQEYL

### Host

Mouse

### Reactivity

Human

|                               |                                                                          |
|-------------------------------|--------------------------------------------------------------------------|
| Interspecies Antigen Sequence | Mouse (92); Rat (92)                                                     |
| Quality Control Testing       | Antibody reactive against mammalian transfected lysate.                  |
| Storage Buffer                | In 1x PBS, pH 7.4                                                        |
| Storage Instruction           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

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[Protocol Download](#)

## Gene Info — DPP9

|                     |                               |
|---------------------|-------------------------------|
| Entrez GeneID       | <a href="#">91039</a>         |
| GeneBank Accession# | <a href="#">DQ895527.2</a>    |
| Protein Accession#  | <a href="#">ABM86453.1</a>    |
| Gene Name           | DPP9                          |
| Gene Alias          | DKFZp762F117, DPRP2, FLJ16073 |
| Gene Description    | dipeptidyl-peptidase 9        |
| Omim ID             | <a href="#">608258</a>        |
| Gene Ontology       | <a href="#">Hyperlink</a>     |

**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](#)