

For Research Use Only

# DPP9 Polyclonal antibody

Catalog Number: 11568-1-AP



## Basic Information

<b>Catalog Number:</b> 11568-1-AP	<b>GenBank Accession Number:</b> BC037948	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 270 µg/ml	<b>GeneID (NCBI):</b> 91039	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500 IF 1:10-1:100
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q86TI2	
<b>Isotype:</b> IgG	<b>Full Name:</b> dipeptidyl-peptidase 9	
<b>Immunogen Catalog Number:</b> AG2145	<b>Calculated MW:</b> 863 aa, 98 kDa	
	<b>Observed MW:</b> 98 kDa	

## Applications

**Tested Applications:**  
IF/ICC, IHC, WB, ELISA

**Species Specificity:**  
human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB:** HepG2 cells, A2780 cells, MCF-7 cells, mouse heart tissue, PC-3 cells

**IHC:** human ovary tumor tissue,

**IF:** HepG2 cells, MCF-7 cells, PC-3 cells

## Background Information

Dipeptidyl peptidase 9 (DPP9), is a member of the S9B family in clan SC of the serine proteases. DPP9 has 3 isoforms with MW of 95, 98 and 101 kDa. DPP9 is 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.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

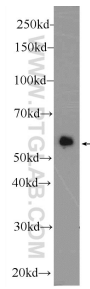
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

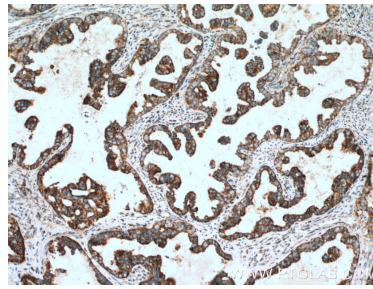
W: [ptgcn.com](http://ptgcn.com)

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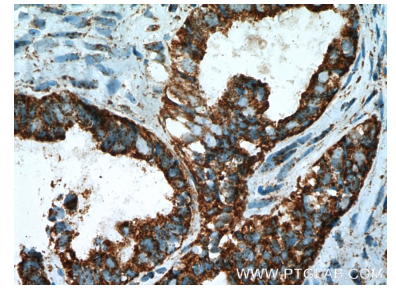
## Selected Validation Data



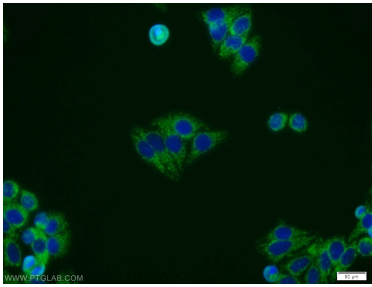
HepG2 cells were subjected to SDS PAGE followed by western blot with 11568-1-AP (DPP9 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 11568-1-AP (DPP9 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 11568-1-AP (DPP9 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells using 11568-1-AP (DPP9 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).