

For Research Use Only

DPP9 Polyclonal antibody

Catalog Number: 11568-1-AP



Basic Information

Catalog Number: 11568-1-AP	GenBank Accession Number: BC037948	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 91039	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500 IF 1:10-1:100
Source: Rabbit	Full Name: dipeptidyl-peptidase 9	
Isotype: IgG	Calculated MW: 863 aa, 98 kDa	
Immunogen Catalog Number: AG2145	Observed MW: 98 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : HepG2 cells, A2780 cells, MCF-7 cells, mouse heart tissue, PC-3 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	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

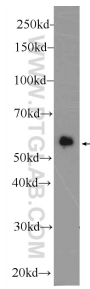
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

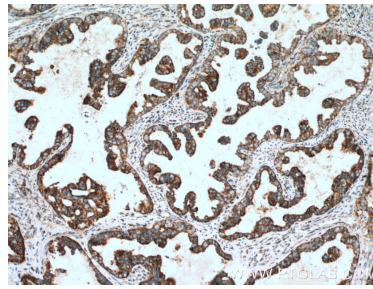
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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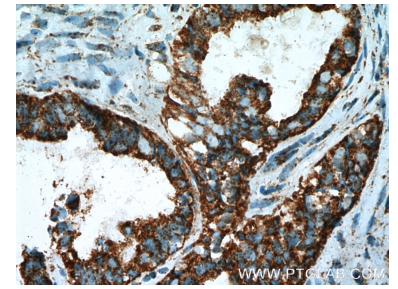
Selected Validation Data



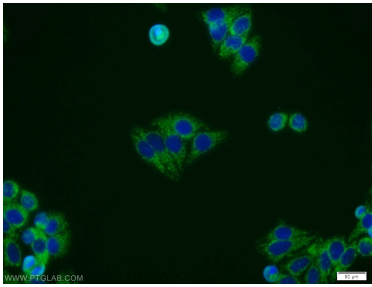
HepG2 cells were subjected to SDS PAGE followed by western blot with 11568-1-AP (DPP9 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



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).