

Dermatopontin Polyclonal antibody

Catalog Number: 10537-1-AP

Featured Product

12 Publications

Basic Information

Catalog Number: 10537-1-AP	GenBank Accession Number: BC033736	Purification Method: Antigen affinity purification
Size: 350 µg/ml	GeneID (NCBI): 1805	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q07507	
Isotype: IgG	Full Name: dermatopontin	
Immunogen Catalog Number: AG0801	Calculated MW: 22 kDa	
	Observed MW: 22 kDa	

Applications

Tested Applications:
IHC, WB, ELISA

Cited Applications:
WB, IF, IHC

Species Specificity:
human, mouse, rat

Cited Species:
human, rat, 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: mouse skin tissue, rat skin tissue, human skeletal muscle tissue

IHC: human pancreas tissue, rat testis tissue, human testis tissue, human heart tissue

Background Information

DPT (dermatopontin) is an extracellular matrix protein belonging to the dermatopontin family. Skin appears to be the richest source of dermatopontin, comprising about 15 mg/kg of the wet weight. Expression of dermatopontin is not limited to connective tissue, as investigations show that dermatopontin mRNA is expressed in cultured fibroblasts, muscle, heart, pancreas, and lung. Dermatopontin comprises a considerable proportion of the noncollagenous extracellular matrix proteins. It is involved in promotion of cellular adhesion, extracellular matrix assembly, wound healing, and positive modification of the growth inhibition activity of TGF-beta1.

Notable Publications

Author	Pubmed ID	Journal	Application
Andrea J De Micheli	32877217	Am J Physiol Cell Physiol	IF
Yang Lu	34733953	Ann Transl Med	WB, IHC
Ting-Ting Zhang	29901070	Int J Oncol	WB

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

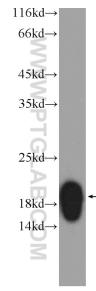
For technical support and original validation data for this product please contact:

T: 4006900926

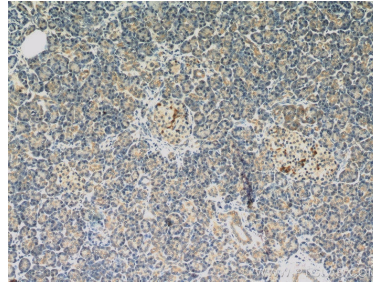
E: Proteintech-CN@ptglab.comW: ptgcn.com

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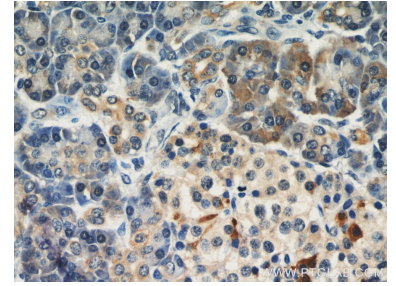
Selected Validation Data



mouse skin tissue were subjected to SDS PAGE followed by western blot with 10537-1-AP (Dermatopontin antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas using 10537-1-AP (Dermatopontin antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human pancreas using 10537-1-AP (Dermatopontin antibody) at dilution of 1:50 (under 40x lens).