

## Dermatopontin Polyclonal Antibody

Catalog number: 10537-1-AP

Size: 31 µg/150 µl

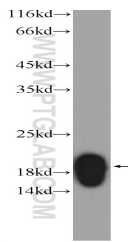
Source: Rabbit

Isotype: IgG

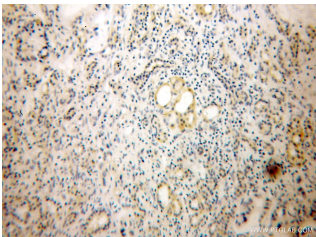
Synonyms:

DPT; Dermatopontin, DPT,

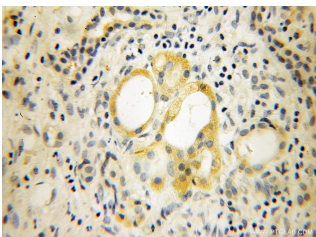
TRAMP



mouse skin tissue were subjected to SDS PAGE followed by western blot with 10537-1-AP( DPT Antibody) at dilution of 1:1000



Immunohistochemical of paraffin-embedded human pancreas cancer using 10537-1-AP(DPT antibody) at dilution of 1:100 (under 10x lens)



Immunohistochemical of paraffin-embedded human pancreas cancer using 10537-1-AP(DPT antibody) at dilution of 1:100 (under 40x lens)

### Background

DPT (dermatopontin) is a 22 kDa 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.

### Applications

Tested applications:	ELISA, IHC, WB
Cited applications:	IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, rat
Calculated Dermatopontin MW:	22 kDa
Observed Dermatopontin MW:	22 kDa
Positive WB detected in	Mouse skin tissue, human skeletal muscle tissue, rat skin tissue
Positive IHC detected in	Human pancreas cancer tissue, human heart tissue, human pancreas tissue, human testis tissue, rat testis tissue
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag0801
GenBank accession number:	BC033736
Gene ID (NCBI):	1805
Full name:	Dermatopontin

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.