



Datasheet for ABIN951889

anti-Dermatopontin antibody (N-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	Dermatopontin (DPT)
Binding Specificity:	AA 52-80, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dermatopontin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 52-80 amino acids from the N-terminal region of Human Dermatopontin. Genename: DPT
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Dermatopontin (N-term).
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	Dermatopontin (DPT)
Alternative Name:	Dermatopontin (DPT Products)

Target Details

Background: Dermatopontin is an extracellular matrix protein with possible functions in cell-matrix interactions and matrix assembly. The protein is found in various tissues and many of its tyrosine residues are sulphated. Dermatopontin is postulated to modify the behavior of TGF-beta through interaction with decorin [provided by RefSeq]. Synonyms: DPT, TRAMP, Tyrosine-rich acidic matrix protein

Molecular Weight: 24005 Da

Gene ID: 1805

NCBI Accession: [NP_001928](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) Sodium Azide as preservative

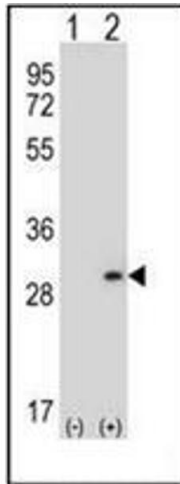
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

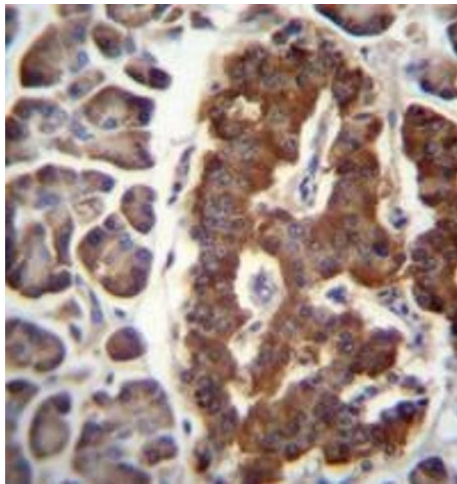
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of DPT (arrow) using Dermatopontin Antibody (N-term) Cat.-No AP51315PU-N. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the DPT gene.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin fixed and paraffin embedded human pancreas tissue reacted with Dermatopontin Antibody (N-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.