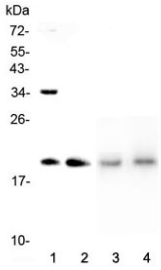
Dermatopontin Antibody / DPT (RQ4464)

Catalog No.	Formulation	Size
RQ4464	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q07507
Localization	Secreted
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml (human recombinant protein)
Limitations	This Dermatopontin antibody is available for research use only.



Western blot testing of 1) human HeLa, 2) human placenta, 3) rat lung and 4) mouse lung lysate with Dermatopontin antibody at 0.5ug/ml. Expected molecular weight ~22 kDa.

Description

Dermatopontin is a protein that in humans is encoded by the DPT gene. 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.

Application Notes

Optimal dilution of the Dermatopontin antibody should be determined by the researcher.

Immunogen

Human recombinant protein (amino acids Q19-V201) was used as the immunogen for the Dermatopontin antibody.

Storage

After reconstitution, the Dermatopontin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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