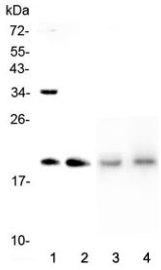
# Dermatopontin Antibody / DPT (RQ4464)

| 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<br>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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