

## COMP

**Reactivity:** Human Mouse

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

**Calculated MW:** 82kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human COMP

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

MED; EDM1; EPD1; PSACH; THBS5;

**Catalog #:** A5812

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 1311

**Isotype:** IgG

**Swiss Prot:** P49747

**Purity:** Affinity purification

For research use only.

**Background:**

The protein encoded by this gene is a noncollagenous extracellular matrix (ECM) protein. It consists of five identical glycoprotein subunits, each with EGF-like and calcium-binding (thrombospondin-like) domains. Oligomerization results from formation of a five-stranded coiled coil and disulfides. Binding to other ECM proteins such as collagen appears to depend on divalent cations. Mutations can cause the osteochondrodysplasias pseudoachondroplasia (PSACH) and multiple epiphyseal dysplasia (MED).

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