

PACO43159

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## Product Information

**Size:**

50ul

**Reactivity:**

Human, Mouse

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:2000

**Protein Background:**

May play a role in the structural integrity of cartilage via its interaction with other extracellular matrix proteins such as the collagens and fibronectin. Can mediate the interaction of chondrocytes with the cartilage extracellular matrix through interaction with cell surface integrin receptors. Could play a role in the pathogenesis of osteoarthritis. Potent suppressor of apoptosis in both primary chondrocytes and transformed cells. Suppresses apoptosis by blocking the activation of caspase-3 and by inducing the IAP family of survival proteins (BIRC3, BIRC2, BIRC5 and XIAP). Essential for maintaining a vascular smooth muscle cells (VSMCs) contractile/differentiated phenotype under physiological and pathological stimuli. Maintains this phenotype of VSMCs by interacting with ITGA7.

**Gene ID:**

COMP

**Uniprot**

P49747

**Synonyms:**

Cartilage oligomeric matrix protein (COMP) (Thrombospondin-5) (TSP5), COMP

**Immunogen:**

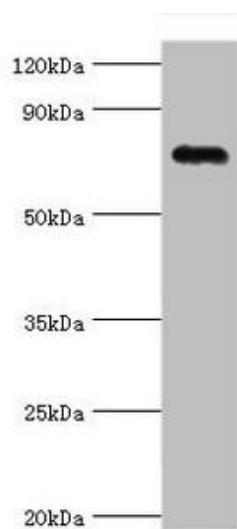
Recombinant Human Cartilage oligomeric matrix protein (20-160AA).

**Storage:**

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot. All lanes: Cartilage oligomeric matrix protein antibody at 4 $\mu$ g/ml + Mouse skeletal muscle tissue. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 83, 78 kDa. Observed band size: 83 kDa.