

CAB22260

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**Product Information**

<b>Product SKU:</b>	CAB22260	<b>Gene ID:</b>	1311	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC54617	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

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**Additional Information**

<b>Observed MW:</b>	100kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	83kDa	<b>Isotype:</b>	IgG

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**Immunogen Information**

**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. Contraction or expansion of a 5 aa aspartate repeat and other mutations can cause pseudocondroplasia (PSACH) and multiple epiphyseal dysplasia (MED).

**Recommended Dilution:** WB,1:1000 - 1:5000

**Synonyms:** MED; CTS2; EDM1; EPD1; TSP5; PSACH; THBS5; TSP-5; COMP

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 50-150 of human COMP (NP\_000086.2).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.