

CAB13963

Product Information

Product SKU:	CAB13963	Gene ID:	1311	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	105kDa	Conjugate:	Unconjugated
Calculated MW:	83kDa	Isotype:	IgG

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 pseudochondroplasia (PSACH) and multiple epiphyseal dysplasia (MED).

Recommended Dilution: WB,1:500 - 1:2000 IF/ICC,1:50 - 1:200

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

Purification Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 20-160 of human COMP (NP_000086.2).

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