

A16331

Leader in Biomolecular Solutions for Life Science



COMP Rabbit pAb

Catalog No.: A16331

Basic Information

Observed MW

Refer to figures

Calculated MW

83kDa

Category

Polyclonal Antibody

Applications

WB,ELISA

Cross-Reactivity

Human,Mouse,Rat

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

Recommended Dilutions

WB 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

1311

Swiss Prot

P49747

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

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

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

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