

Datasheet for ABIN702535

anti-COMP antibody

1 Image

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Overview

Quantity:	100 µL
Target:	COMP
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COMP antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human COMP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	COMP
Alternative Name:	Comp/Epd1/Thbs5 (COMP Products)
Background:	Synonyms: Cartilage oligomeric matrix protein, Cartilage oligomeric matrix protein precursor, EDM 1, EDM1, EPD 1, EPD1, Epiphyseal dysplasia 1, Epiphyseal dysplasia 1 multiple, Epiphyseal dysplasia multiple 1, MED, MGC13181, MGC149768, PSACH, Pseudoachondroplasia, THBS 5,

Target Details

THBS5, Thrombospondin 5, Thrombospondin5.

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 pseudochoondroplasia (PSACH) and multiple epiphyseal dysplasia (MED). [provided by RefSeq, Jul 2008].

Gene ID: 1311

Application Details

Application Notes: WB(1:100-1000), IHC-P(1:100-500), IF(IHC-P)(1:50-200)

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1 % BSA, 50 % glycerol and 0.09 % sodium azide.

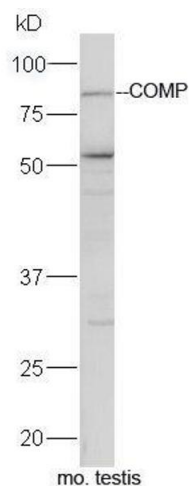
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months



Western Blotting

Image 1. Mouse testis lysates probed with Rabbit Anti-COMP Polyclonal Antibody, Unconjugated at 1:5000 for 90 min at 37°C.