

Datasheet for ABIN7433240
anti-COMP antibody (AA 554-753)

4 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	COMP
Binding Specificity:	AA 554-753
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COMP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cartilage Oligomeric Matrix Protein (COMP)
Immunogen:	Recombinant Cartilage Oligomeric Matrix Protein (COMP) corresponding to Gln554~Gln753 (Accession # Q9R0G6)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against COMP. It has been selected for its ability to recognize COMP in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

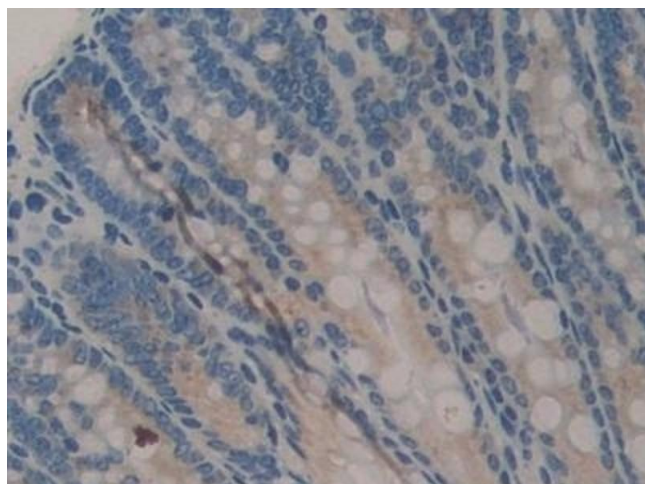
Target:	COMP
Alternative Name:	Cartilage Oligomeric Matrix Protein (COMP Products)
Background:	MED, EDM1, EPD1, PSACH, THBS5, TSP-5, Pseudoachondroplasia, Epiphyseal Dysplasia 1, Multiple, Thrombospondin 5

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

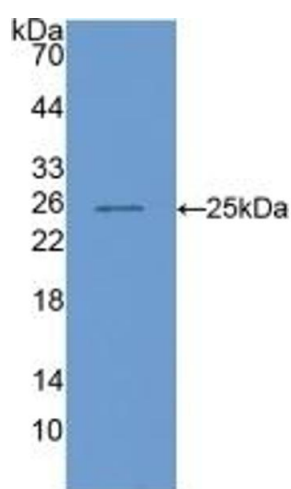
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



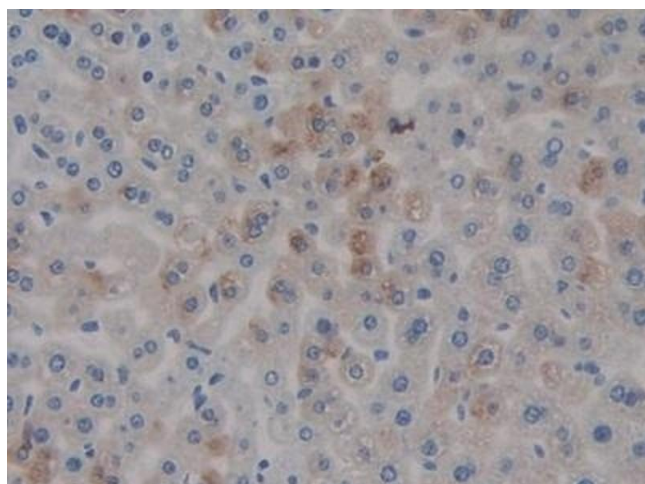
Immunohistochemistry

Image 1. Detection of COMP in Mouse Colon Tissue using Polyclonal Antibody to Cartilage Oligomeric Matrix Protein (COMP)



Western Blotting

Image 2. Detection of Recombinant COMP, Mouse using Polyclonal Antibody to Cartilage Oligomeric Matrix Protein (COMP)



Immunohistochemistry

Image 3. Detection of COMP in Mouse Liver Tissue using Polyclonal Antibody to Cartilage Oligomeric Matrix Protein (COMP)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7433240.