

Anti-Collagen II Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A300031-01	50 µl
A300031-02	100 µl

Specificity	Anti- Collagen II (human mouse rat)
Source	Rabbit Polyclonal
Application	WB ELISA IHC IF
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: P02458

Other Names: chondrocalcin; CO2A1; collagen alpha-1 (II); collagen type II alpha 1

Specificity and Sensitivity

Collagen II antibody detects endogenous levels of total Collagen II protein.

Source and Purification

The antiserum was produced against synthesized peptide derived from human Collagen II.

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IHC: 1:50~1:100
IF: 1:100~1:500 ELISA: 1:20000

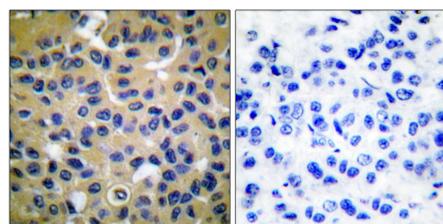
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

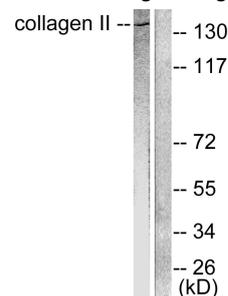
Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

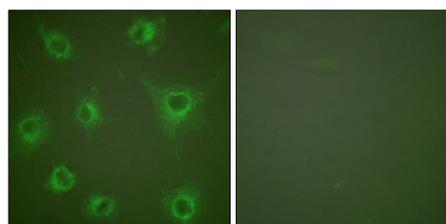
Images



P-peptide - +
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using Collagen II antibody.



Western blot analysis of extracts from COLO205 cells, using Collagen II antibody.



P-peptide - +
Immunofluorescence analysis of COS7 cells, using Collagen II antibody.