

Anti- Collagen I Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A300030-01	50µl
A300030-02	100µl

Specificity	Anti- Collagen I (Human Mouse Rat)
Source	Rabbit Polyclonal
Application	ELISA IF IHC
Form	Liquid, 1 mg/ml

Background Information

Swiss-Prot No.: P08123

Other Names: Collagen alpha-2(I) chain; Alpha-2 type I collagen; COL1A2

Specificity and Sensitivity

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

Human (Identities = 100%, Positives = 100%);

Mouse (Identities = 100%, Positives = 100%);

Rat (Identities = 100%, Positives = 100%)

Source and Purification

The antiserum was produced against synthesized peptide derived from N-terminal of human Collagen I. 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:

IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:5000

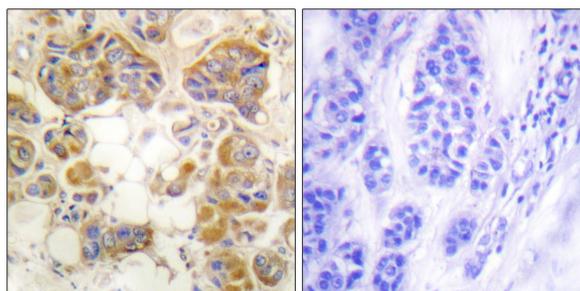
Storage Buffer

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

Storage Instructions

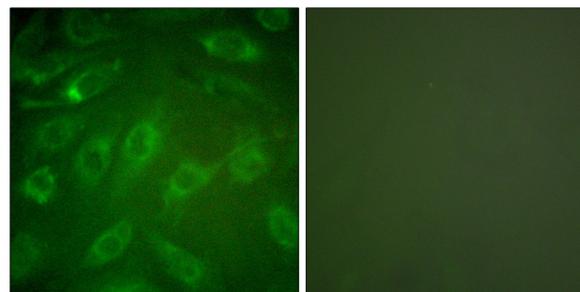
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



Peptide - +

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Collagen I antibody.



Peptide - +

Immunofluorescence analysis of NIH/3T3 cells, using Collagen I antibody.