

Anti- Collagen IV Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A300033-01	50µl
A300033-02	100µl

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

Background Information

Swiss-Prot No.: P02462

Other Names: COL4A1 NC1 domain, COLLAGEN OF BASEMENT MEMBRANE, ALPHA-1 CHAIN ARRESTEN, alpha 1 type IV collagen preproprotein, collagen IV alpha-1 polypeptide, collagen type IV alpha 1

Specificity and Sensitivity

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

Source and Purification

The antiserum was produced against synthesized peptide derived from human Collagen IV. 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
ELISA: 1:20000

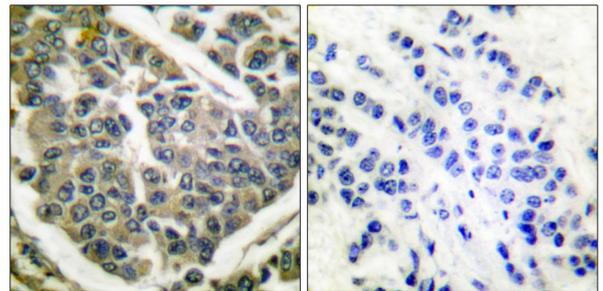
Storage Buffer

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

Storage Instructions

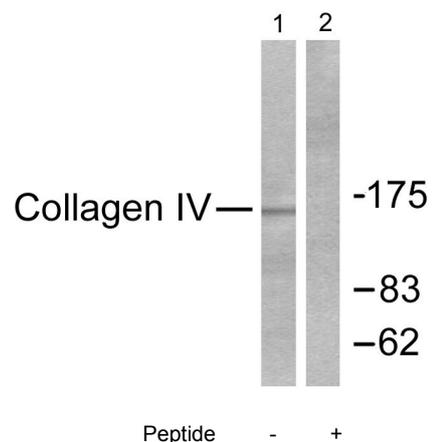
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



Peptide - +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using Collagen IV antibody.



Western blot analysis of extracts from HeLa cells, using Collagen IV antibody.