

Datasheet for ABIN1533239  
**anti-Collagen IV antibody (AA 11-60)**



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2 Images

## Overview

Quantity:	100 µL
Target:	Collagen IV (COL4)
Binding Specificity:	AA 11-60
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Collagen IV antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Collagen IV.
Isotype:	IgG
Specificity:	Collagen IV Antibody detects endogenous levels of total Collagen IV protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

## Target Details

Target:	Collagen IV (COL4)
Alternative Name:	Collagen IV ( <a href="#">COL4 Products</a> )
Background:	Synonyms: Collagen alpha-1(IV) chain, Arresten, COL4A1

### Target Details

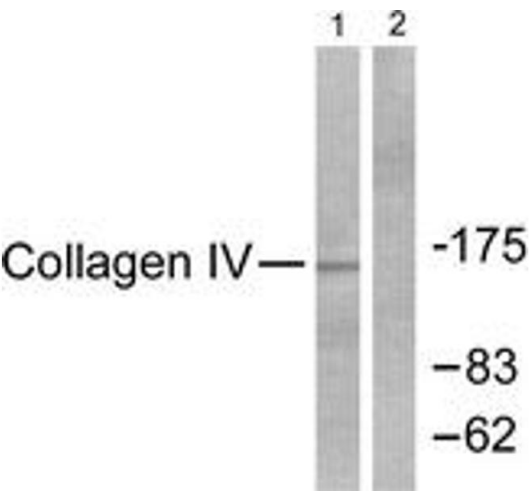
	NCBI Gene Symbol: COL4A1
Molecular Weight:	160 kDa
Gene ID:	1282
OMIM:	120130
UniProt:	<a href="#">P02462</a>

### Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:20000
Comment:	Unigene-Number: Hs.17441 (NCBI Gene Symbol: COL4A1)
Restrictions:	For Research Use only

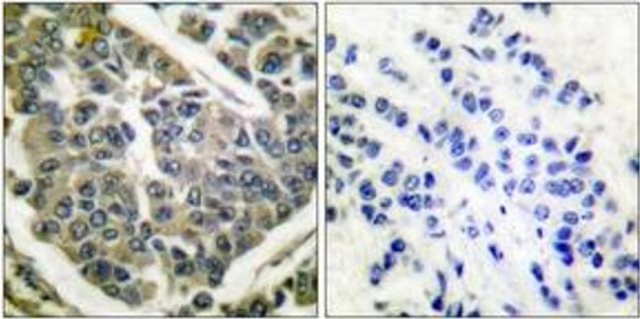
### Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

**Image 1.** Western blot analysis of extracts from HeLa cells, using Collagen IV Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

**Image 2.** Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Collagen IV Antibody. The picture on the right is treated with the synthesized peptide.