

Datasheet for ABIN265367  
**anti-Collagen IV antibody**



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## Overview

Quantity:	0.1 mg
Target:	Collagen IV (COL4)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Collagen IV antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Cross-Reactivity (Details):	Species reactivity (expected):Mouse and Rat. Species reactivity (tested):Human.
Purification:	Affinity-chromatography using epitope-specific immunogen

## Target Details

Target:	Collagen IV (COL4)
Alternative Name:	Collagen Type IV ( <a href="#">COL4 Products</a> )
Background:	The extensive family of COL gene products (collagens) is composed of several chain types, including fibril-forming interstitial Collagens (Types I, II, III and V) and basement membrane Collagens (Type IV), each type containing multiple isoforms. Collagens are fibrous, extracellular matrix proteins with high tensile strength and are the major components of connective tissue,

## Target Details

	such as tendons and cartilage. All collagens contain a triple helix domain and frequently show lateral self-association in order to form complex connective tissues. Several collagens also play a role in cell adhesion, important for maintaining normal tissue architecture and function.Synonyms: COL4A1
Molecular Weight:	approx. 160 kDa
Gene ID:	9606
UniProt:	<a href="#">P02462</a>

## Application Details

Application Notes:	ELISA: 1/20000approx. 1/40000. Western Blot: 1/500approx. 1/1000. Immunohistochemistry: 1/50-1/200.  Other applications not tested.  Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

## Handling

Concentration:	1.0 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH ~7.2, 0.05 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

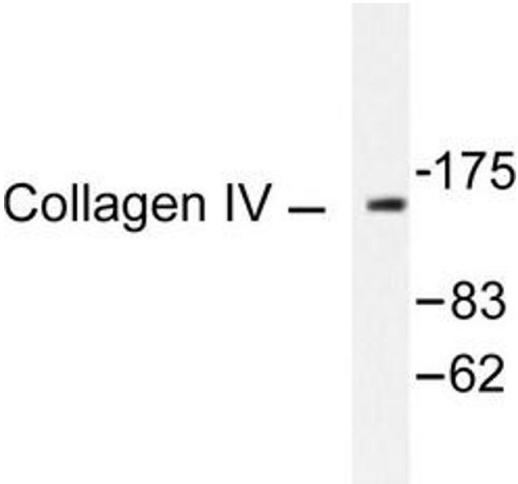


Image 1.

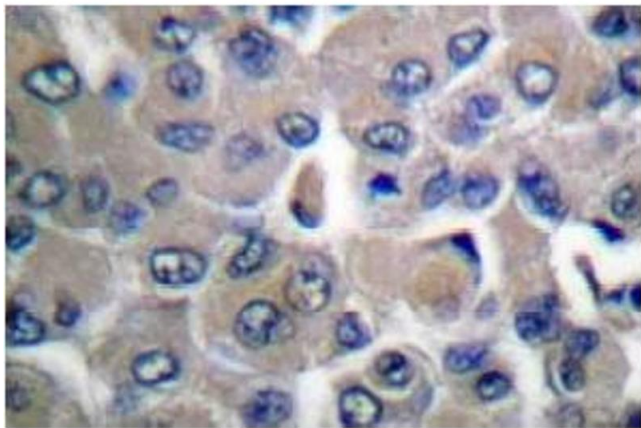


Image 2.