

Datasheet for ABIN1539989

anti-COL3A1 antibody (AA 1410-1438)[Go to Product page](#)**1** Image

Overview

Quantity:	400 µL
Target:	COL3A1
Binding Specificity:	AA 1410-1438
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This COL3A1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This COL3A1 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 1410-1438 amino acids from human COL3A1.
Clone:	539CT14-1-1
Isotype:	IgG3
Purification:	This antibody is prepared by Euglobin precipitation followed by dialysis against PBS.

Target Details

Target:	COL3A1
Alternative Name:	COL3A1 (COL3A1 Products)
Background:	This gene encodes the pro-alpha1 chains of type III collagen, a fibrillar collagen that is found in

Target Details

extensible connective tissues such as skin, lung, uterus, intestine and the vascular system, frequently in association with type I collagen. Mutations in this gene are associated with Ehlers-Danlos syndrome types IV, and with aortic and arterial aneurysms. Two transcripts, resulting from the use of alternate polyadenylation signals, have been identified for this gene. [provided by R. Dalglish].

Molecular Weight: 138564

Gene ID: 1281

NCBI Accession: [NP_000081](#)

UniProt: [P02461](#)

Pathways: [Autophagy](#), [Growth Factor Binding](#)

Application Details

Application Notes: WB: 1:100~500

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

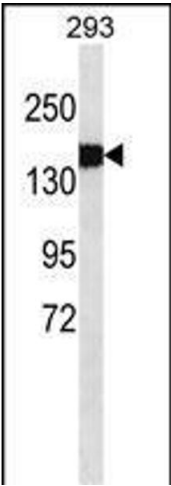
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: COL3A1 Antibody can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. COL3A1 Antibody (ABIN1539989 and ABIN2843884) western blot analysis in 293 cell line lysates (35 µg/lane). This demonstrates the COL3A1 antibody detected the COL3A1 protein (arrow).