.-online.com antibodies

Datasheet for ABIN7266459 anti-COL3 antibody

5 Images



Overview

| Quantity: | 100 µL |
|--------------|--|
| Target: | COL3 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Monoclonal |
| Conjugate: | This COL3 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP) |

Product Details

| Purpose: | Collagen III alpha 1/COL3A1 Rabbit mAb |
|-------------------|---|
| Immunogen: | A synthesized peptide derived from human Collagen III alpha 1/COL3A1. |
| lsotype: | lgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Characteristics: | Monoclonal Antibodies |
| Purification: | Affinity purification |

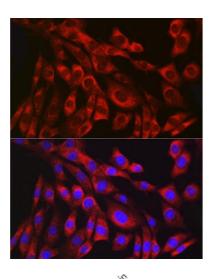
Target Details

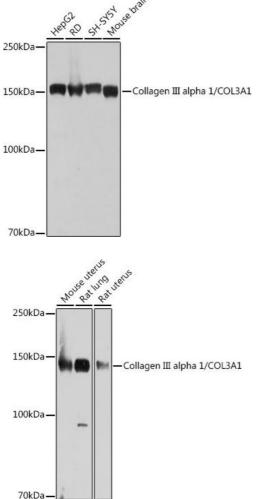
| Target: | COL3 |
|-------------------|---|
| Alternative Name: | Collagen III (COL3 Products) |
| Background: | This gene encodes the pro-alpha1 chains of type III collagen, a fibrillar collagen that is found in |

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7266459 | 11/30/2023 | Copyright antibodies-online. All rights reserved.

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.,COL3A1, EDS4A, collagen alpha-1(III) chain,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Extracellular Matrix,Collagen,Stem Cells,Mesenchymal Stem |
|---------------------|---|
| | Cells,Collagen III |
| Molecular Weight: | 111kDa/138kDa |
| Gene ID: | 1281 |
| UniProt: | P02461 |
| Application Details | |
| Application Notes: | WB,1:500 - 1:2000,IF,1:50 - 1:200,IP,1:50 - 1:200 |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Buffer: | PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3. |
| 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: | Store at -20°C. Avoid freeze / thaw cycles. |





Immunofluorescence

Image 1. Immunofluorescence analysis of NIH/3T3 cells using Collagen III alpha 1/COL3 antibody (ABIN7266459) at dilution of 1:100. Blue: DAPI for nuclear staining.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using Collagen III alpha 1/COL3 antibody (ABIN7266459) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 1s.

Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using Collagen III alpha 1/COL3 antibody (ABIN7266459) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 60s.

Please check the product details page for more images. Overall 5 images are available for ABIN7266459.