

## Collagen III Ab

[References\(28\)](#) [Images\(19\)](#)

|               |   |                       |
|---------------|---|-----------------------|
| Cat.#: AF5457 | Concn.: ~1mg/ml   | Mol.Wt.: 150-250 kDa  |
| Size:         | Source: Rabbit  | Clonality: Polyclonal |
| Application:  | WB 1:1000, IHC 1:50-1:200, IF/ICC 1:100-1:500<br>*The optimal dilutions should be determined by the end user.   |                       |
| Reactivity:   | Human,Mouse,Rat   |                       |
| Storage:      | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.  |                       |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).   |                       |
| Immunogen:    | A synthesized peptide derived from human Collagen III, corresponding to a region within N-terminal amino acids.   |                       |
| Uniprot:      | P02461  |                       |
| Description:  | Defects in COL3A1 are a cause of Ehlers-Danlos syndrome type 3 (EDS3) [MIM:130020]; also known as benign hypermobility syndrome. EDS is a connective tissue disorder characterized by hyperextensible skin, atrophic cutaneous scars due to tissue fragility and joint hyperlaxity. EDS3 is a form of Ehlers-Danlos syndrome characterized by marked joint hyperextensibility without skeletal deformity. |                       |

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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