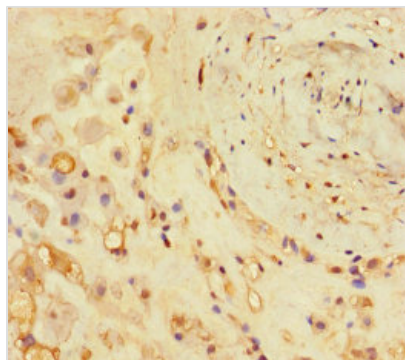


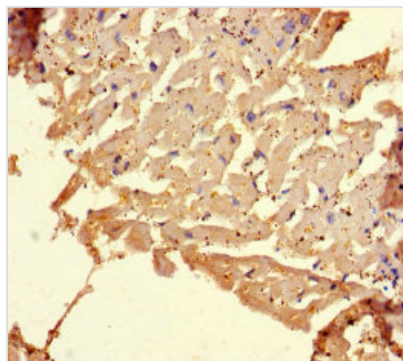
# COL2A1 Antibody

|                            |                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-PA005716LA01HU                                                                                                      |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                           |
| <b>Uniprot No.</b>         | P02458                                                                                                                  |
| <b>Immunogen</b>           | Recombinant Human Collagen alpha-1(XI) chain protein (260-CAA)                                                          |
| <b>Raised In</b>           | Rabbit                                                                                                                  |
| <b>Species Reactivity</b>  | Human                                                                                                                   |
| <b>Tested Applications</b> | ELISA, IHC; Recommended dilution: IHC:1:20-1:200                                                                        |
| <b>Relevance</b>           | May play an important role in fibrillogenesis by controlling lateral growth of collagen II fibrils.                     |
| <b>Form</b>                | Liquid                                                                                                                  |
| <b>Conjugate</b>           | Non-conjugated                                                                                                          |
| <b>Storage Buffer</b>      | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4                                        |
| <b>Purification Method</b> | >95%, Protein G purified                                                                                                |
| <b>Isotype</b>             | IgG                                                                                                                     |
| <b>Clonality</b>           | Polyclonal                                                                                                              |
| <b>Alias</b>               | Collagen alpha-1(II) chain (Alpha-1 type II collagen) [Cleaved into: Collagen alpha-1(II) chain; Chondrocalcin], COL2A1 |
| <b>Species</b>             | Human                                                                                                                   |
| <b>Research Area</b>       | Signal Transduction                                                                                                     |
| <b>Target Names</b>        | COL2A1                                                                                                                  |

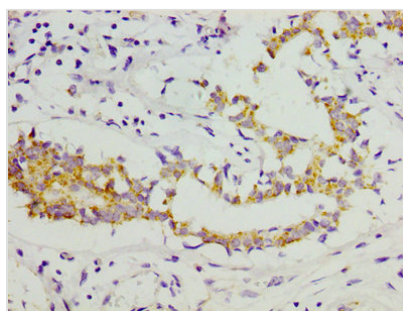
## Image



Immunohistochemistry of paraffin-embedded human placenta tissue using CSB-PA005716LA01HU at dilution of 1:100



Immunohistochemistry of paraffin-embedded human heart tissue using CSB-PA005716LA01HU at dilution of 1:100



IHC image of CSB-PA005716LA01HU diluted at 1:300 and staining in paraffin-embedded human breast cancer performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized tissue using an HRP conjugated SP system.