# COL20A1 rabbit pAb

## Cat#: orb769802 (Manual)

For research use only. Not intended for diagnostic use.

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| **Product Name** | COL20A1 rabbit pAb |
| **Host species** | Rabbit |
| **Applications** | WB;IHC;IF;ELISA |
| **Species Cross-Reactivity** | Human;Mouse;Rat |
| **Recommended dilutions** | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from human Collagen XX alpha1. AA range:1151-1200 |
| **Specificity** | COL20A1 Polyclonal Antibody detects endogenous levels of COL20A1 protein. |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.. |
| **Storage** | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| **Protein Name** | Collagen alpha-1(XX) chain |
| **Gene Name** | COL20A1 |
| **Cellular localization** | Secreted, extracellular space . |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Clonality** | Polyclonal |

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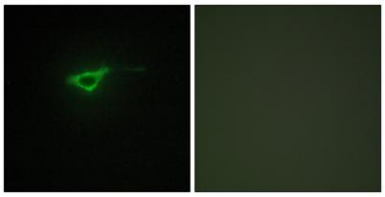
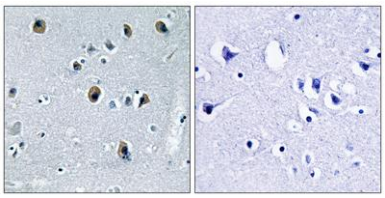
|---|---|
| **Concentration** | 1 mg/ml |
| **Observed band** | 140kD |
| **Human Gene ID** | 57642/1301/1289 |
| **Human Swiss-Prot Number** | Q9P218 |
| **Alternative Names** | COL20A1; KIAA1510; Collagen alpha-1(XX) chain |
| **Background** | COL20A1 (Collagen Type XX Alpha 1) is a Protein Coding gene. Among its related pathways are Collagen biosynthesis and modifying enzymes and ERK Signaling. An important paralog of this gene is MATN1. |



**Immunofluorescence analysis of NIH/3T3 cells, using Collagen XX alpha1 Antibody. The picture on the right is blocked with the synthesized peptide.**



**Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Collagen XX alpha1 Antibody. The picture on the right is blocked with the synthesized peptide.**

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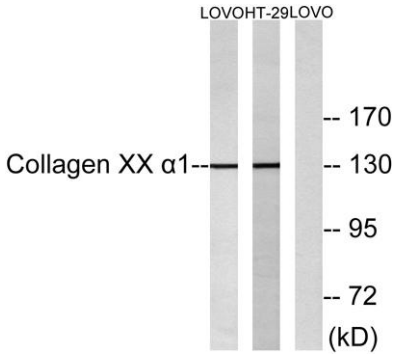


**Western blot analysis of lysates from LOVO and HT-19 cells, using Collagen XX alpha1 Antibody. The lane on the right is blocked with the synthesized peptide.**

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