

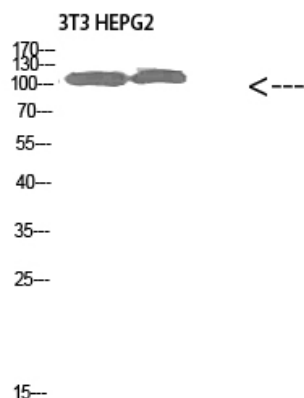


# Collagen alpha-1(XXVIII)Polyclonal Antibody

|                                  |                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | YP-Ab-10601                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Reactivity</b>                | Human;Mouse                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Applications</b>              | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Gene Name</b>                 | COL28A1                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Protein Name</b>              | Collagen alpha-1(XXVIII)Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                            |
| <b>Immunogen</b>                 | The antiserum was produced against synthesized peptide derived from the N-terminal region of human COL28A1. AA range:111-160                                                                                                                                                                                                                                                           |
| <b>Specificity</b>               | Collagen alpha-1(XXVIII)Polyclonal Antibody detects endogenous levels of Collagen alpha-1(XXVIII)Polyclonal Antibody                                                                                                                                                                                                                                                                   |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>                    | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Purification</b>              | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                  |
| <b>Dilution</b>                  | WB 1:500-2000, ELISA 1:10000-20000                                                                                                                                                                                                                                                                                                                                                     |
| <b>Concentration</b>             | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Purity</b>                    | ≥90%                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage Stability</b>         | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>                  | Collagen alpha-1(XXVIII) chain                                                                                                                                                                                                                                                                                                                                                         |
| <b>Observed Band</b>             | 116kD                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cell Pathway</b>              | Secreted, extracellular space, extracellular matrix, basement membrane .                                                                                                                                                                                                                                                                                                               |
| <b>Tissue Specificity</b>        | Endometrial adenocarcinoma,Germ cell,Lung,                                                                                                                                                                                                                                                                                                                                             |
| <b>Function</b>                  | function:May act as a cell-binding protein.,similarity:Belongs to the VWA-containing collagen family.,similarity:Contains 1 BPTI/Kunitz inhibitor domain.,similarity:Contains 2 VWFA domains.,similarity:Contains 6 collagen-like domains.,subunit:Trimer or homomer. Secreted into as a 135 kDa monomer under reducing conditions and as a homotrimer under non-reducing conditions., |
| <b>Background</b>                | COL28A1 belongs to a class of collagens containing von Willebrand factor (VWF; MIM 613160) type A (VWFA) domains (Veit et al., 2006 [PubMed 16330543]).[supplied by OMIM, Nov 2010],                                                                                                                                                                                                   |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                                                   |
| <b>Usage suggestions</b>         | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.                                                                                                                                                                                                                                                      |



## Products Images



Western Blot analysis of 3T3 HEPG2 cells using Collagen alpha-1(XXVIII)Polyclonal Antibody diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000