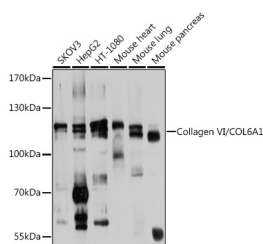


COL6A1 Polyclonal Antibody

| | | | |
|---------------------|---|-------------------|--------|
| Catalog No. | E-AB-63945 | Reactivity | H,M |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. | Host | Rabbit |
| Applications | WB | Isotype | IgG |

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western blot analysis of extracts of various cell lines using Collagen VI/Collagen VI/COL6A1 Polyclonal Antibody at 1:1000 dilution.

Immunogen Information

| | |
|------------------|--|
| Immunogen | Recombinant fusion protein of human COL6A1 |
| GeneID | 1291 |
| Swissprot | P12109 |
| Synonyms | COL6A1,BTHLM1,OPLL,UCHMD1 |

Product Information

| | |
|----------------------|---|
| Calculated MW | 108kDa |
| Observed MW | 108kDa |
| Buffer | PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| Purify | Affinity purification |
| Dilution | WB 1:500-1:2000 |

Background

The collagens are a superfamily of proteins that play a role in maintaining the integrity of various tissues. Collagens are extracellular matrix proteins and have a triple-helical domain as their common structural element. Collagen VI is a major structural component of microfibrils. The basic structural unit of collagen VI is a heterotrimer of the alpha1(VI), alpha2(VI), and alpha3(VI) chains. The alpha2(VI) and alpha3(VI) chains are encoded by the COL6A2 and COL6A3 genes, respectively. The protein encoded by this gene is the alpha 1 subunit of type VI collagen (alpha1(VI) chain). Mutations in the genes that code for the collagen VI subunits result in the autosomal dominant disorder, Bethlem myopathy.

For Research Use Only

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 Service for life science**

Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.