

## Product Data Sheet: Collagen Type VI Rabbit Polyclonal Antibody

**Cat. No:** AB-84738

Conjugate: Unconjugated

Size: 100 ug

Clone: POLY

Concentration: 1mg/ml

Host: Rabbit

Isotype: IgG

**Immunogen:** collagen, type VI, alpha 1

Reactivity: Human, Mouse, Rat

Applications: Western Blot: 1:500-1:1000 Immunoprecipitation: 1:500-1:1000

Immunohistochemistry:1:50-1:200 Immunofluorescence: 1:20-1:200

Molecular Weight: 140 kDa

**Purification:** Immunogen affinity purified

Synonyms: COL6A1, collagen 6A1, Collagen alpha 1(VI) chain, collagen, type VI, alpha 1,

OPLL

Type VI Collagen is a major structural component of microfibrils. Type VI Collagen was found to be present throughout the connective tissue and in the extracellular matrix of cultured fibroblasts(PMID: 6723253). It is a heterotrimer composed of

three different chains: alpha-1(VI), alpha-2(VI), and alpha-3(VI) or alpha-5(VI) or

alpha-6(VI). The alpha-1(VI) chain is encoded by COL6A1 gene. Mutations in this gene result in Bethlem myopathy and Ullrich congenital muscular dystrophy.

Form: Liquid

**Buffer:** PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

**Storage:** Store at -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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