



[Go to Product page](#)

Datasheet for ABIN7112987
anti-COL6 antibody

Overview

Quantity:	100 µg
Target:	COL6
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunofluorescence (IF)

Product Details

Immunogen:	collagen, type VI, alpha 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	COL6
Alternative Name:	Collagen Type VI (COL6 Products)
Background:	Synonyms:COL6A1, collagen 6A1, Collagen alpha 1(VI) chain, collagen, type VI, alpha 1, OPLL Background: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

Target Details

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.

Molecular Weight: 140 kDa

Gene ID: 1291

UniProt: [P12109](#)

Application Details

Application Notes: WB: 1:500-1:1000, IP: 1:500-1:1000, IHC: 1:50-1:200, IF: 1:20-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

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

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

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

Expiry Date: 12 months