

Datasheet for ABIN951625

anti-COL6A2 antibody (C-Term, Chain alpha 2)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	COL6A2
Binding Specificity:	AA 718-748, C-Term, Chain alpha 2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL6A2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 718-748 amino acids from the C-terminal region of human COL6A2
Isotype:	Ig Fraction
Specificity:	This antibody reacts to COL6A2.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	COL6A2
Abstract:	COL6A2 Products

Target Details

Background: COL6A2 is one of the three alpha chains of type VI collagen, a beaded filament collagen found in most connective tissues. The product of this gene contains several domains similar to von Willebrand Factor type A domains. These domains have been shown to bind extracellular matrix proteins, an interaction that explains the importance of this collagen in organizing matrix components. Mutations in this gene are associated with Bethlem myopathy and Ullrich scleroatonic muscular dystrophy. Three transcript variants have been identified for this gene. [provided by RefSeq].Synonyms: COL6A2

Molecular Weight: 108579 Da

Gene ID: 1292

NCBI Accession: [NP_001840](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS, 0.09 % (W/V) sodium azide

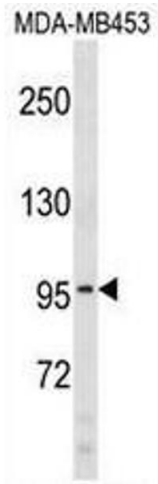
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. COL6A2 Antibody (C-term) western blot analysis in MDA-MB453 cell line lysates (35µg/lane). This demonstrates the COL6A2 antibody detected the COL6A2 protein (arrow).