

COL6A2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP16397b

Product Information

Application	WB, E
Primary Accession	P12110
Other Accession	Q02788 , NP_001840.3 , NP_478055.2
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB35750
Calculated MW	108579
Antigen Region	719-747

Additional Information

Gene ID	1292
Other Names	Collagen alpha-2(VI) chain, COL6A2
Target/Specificity	This COL6A2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 719-747 amino acids from the C-terminal region of human COL6A2.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	COL6A2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	COL6A2
Function	Collagen VI acts as a cell-binding protein.
Cellular Location	Secreted, extracellular space, extracellular matrix. Membrane; Peripheral

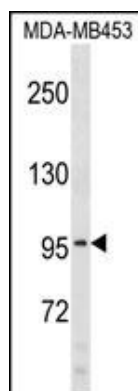
Background

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].

References

Zhang, R.Z., et al. J. Biol. Chem. 285(13):10005-10015(2010)
Bovolenta, M., et al. BMC Med. Genet. 11, 44 (2010) :
Chapuis, J., et al. Mol. Psychiatry 14(11):1004-1016(2009)
Freise, C., et al. Matrix Biol. 28(8):480-489(2009)
Martoni, E., et al. Hum. Mutat. 30 (5), E662-E672 (2009) :

Images



COL6A2 Antibody (C-term) (Cat. #AP16397b) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the COL6A2 antibody detected the COL6A2 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.