

Datasheet for ABIN2782367
anti-COL6A2 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	COL6A2
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Horse, Cow, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL6A2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human COL6A2
Sequence:	ARRFVEQVAR RLTLARRDDD PLNARVALLQ FGGPGEQQVA FPLSHNLTAI
Predicted Reactivity:	Cow: 93%, Dog: 92%, Horse: 86%, Human: 100%, Pig: 93%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against COL6A2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	COL6A2
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Target Details

Alternative Name:	COL6A2 (COL6A2 Products)
Background:	COL6A2 is one of the three alpha chains of type VI collagen, a beaded filament collagen found in most connective tissues. The protein 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 its gene are associated with Bethlem myopathy and Ullrich scleroatonic muscular dystrophy. Alias Symbols: DKFZp586E1322, PP3610 Protein Interaction Partner: UBC, SLC38A3, COX6A2, ABCD3, FN1, Protein Size: 1019
Molecular Weight:	109 kDa
Gene ID:	1292
NCBI Accession:	NM_001849
UniProt:	P12110

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1019 AA
Restrictions:	For Research Use only

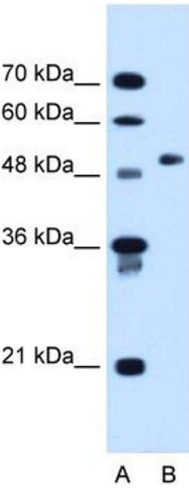
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-COL6A2 Antibody Titration:
1.25ug/ml Positive Control: HepG2 cell lysate