

Datasheet for ABIN2788306
anti-COL5A1 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	COL5A1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL5A1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human COL5A1
Sequence:	PGMPANQDTI YEGIGGPRGE KGQKGEPAIL EPGMLIEGPP GPEGPAGLPG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against COL5A1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	COL5A1
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Target Details

Alternative Name:	COL5A1 (COL5A1 Products)
Background:	<p>This gene encodes an alpha chain for one of the low abundance fibrillar collagens. Fibrillar collagen molecules are trimers that can be composed of one or more types of alpha chains. Type V collagen is found in tissues containing type I collagen and appears to regulate the assembly of heterotypic fibers composed of both type I and type V collagen. This gene product is closely related to type XI collagen and it is possible that the collagen chains of types V and XI constitute a single collagen type with tissue-specific chain combinations. Mutations in this gene are associated with Ehlers-Danlos syndrome, types I and II.</p> <p>Alias Symbols: -</p> <p>Protein Interaction Partner: PDGFB, PDGFA, SIRT7, UBC, LGALS3BP, THBS1, SDC3, DCN, COL5A3, BMP1, MAG, SPARC, Igfbp7,</p> <p>Protein Size: 1838</p>
Molecular Weight:	183 kDa
Gene ID:	1289
NCBI Accession:	NM_000093 , NP_000084
UniProt:	P20908
Pathways:	Growth Factor Binding

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1838 AA
Restrictions:	For Research Use only

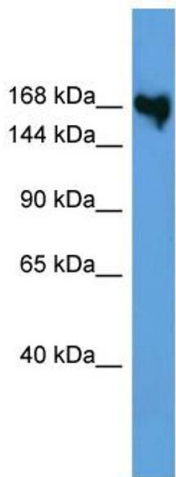
Handling

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

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
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-COL5A1 Antibody Titration:
0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: MCF7 cell lysate