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Datasheet for ABIN2788310
anti-COL9A3 antibody (C-Term)

2 Images

Overview

Quantity:	100 µL
Target:	COL9A3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Guinea Pig, Rat, Zebrafish (Danio rerio), Dog, Horse, Rabbit, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL9A3 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 COL9A3
Sequence:	PGITGKPGVP GKEASEQRIR ELCGGMISEQ IAQLAAHLRK PLAPGSIGRP
Predicted Reactivity:	Cow: 93%, Dog: 86%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 90%
Characteristics:	This is a rabbit polyclonal antibody against COL9A3. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	COL9A3
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Target Details

Alternative Name:	COL9A3 (COL9A3 Products)
Background:	<p>This gene encodes one of the three alpha chains of type IX collagen, the major collagen component of hyaline cartilage. Type IX collagen, a heterotrimeric molecule, is usually found in tissues containing type II collagen, a fibrillar collagen. Mutations in this gene are associated with multiple epiphyseal dysplasia type 3.</p> <p>Alias Symbols: DJ885L7.4.1, EDM3, FLJ90759, IDD, MED</p> <p>Protein Interaction Partner: EGFR, MAG, COL2A1,</p> <p>Protein Size: 684</p>
Molecular Weight:	63 kDa
Gene ID:	1299
NCBI Accession:	NM_001853 , NP_001844
UniProt:	Q14050

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 684 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
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.



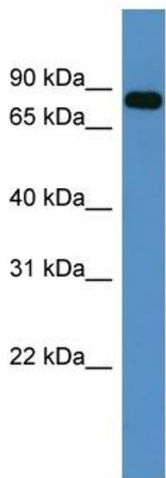
Western Blotting

Image 1. WB Suggested Anti-COL9A3 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: Human heart



Rabbit Anti-COL9A3 Antibody
Catalog Number: ARP60028
Lot Number: QC30932
Lane: Fetal Heart Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-COL9A3

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:2500

Positive Control: Human heart