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COL9A3 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20102c

Specification

COL9A3 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q14050
Other Accession	NP_001844.3
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**63616**
Antigen Region	**501-528**

COL9A3 Antibody (Center) - Additional Information

Gene ID 1299

Other Names
Collagen alpha-3(IX) chain, COL9A3

Target/Specificity
This COL9A3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 501-528 amino acids from the Central region of human COL9A3.

Dilution
WB~~1:1000

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
COL9A3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

COL9A3 Antibody (Center) - Protein Information

Name COL9A3

Function Structural component of hyaline cartilage and vitreous of the eye.

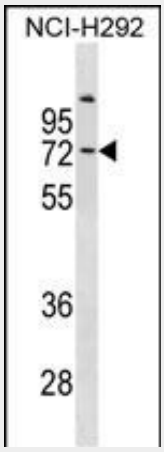
Cellular Location
Secreted, extracellular space, extracellular matrix

COL9A3 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

COL9A3 Antibody (Center) - Images



COL9A3 Antibody (Center) (Cat. #AP20102c) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the COL9A3 antibody detected the COL9A3 protein (arrow).

COL9A3 Antibody (Center) - Background

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.

COL9A3 Antibody (Center) - References

Jackson, G.C., et al. Am. J. Med. Genet. A 152A (4), 863-869 (2010) :
Videman, T., et al. Arthritis Rheum. 60(2):470-481(2009)
Karppinen, J., et al. Spine 33(11):1236-1241(2008)
Decramer, S., et al. World J Urol 25(5):457-465(2007)
Virtanen, I.M., et al. Spine 32(10):1129-1134(2007)