

DATASHEET

Collagen 9 alpha 1 Rabbit Polyclonal Antibody

CAT. NO. APA15348

KEY FEATURES

Target	Collagen 9 alpha 1	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Structural component of hyaline cartilage and vitreous of the eye.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IHC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to Collagen 9 alpha 1
Specificity	Recognizes endogenous levels of Collagen 9 alpha 1 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Collagen 9 alpha 1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 91 kD; Observed: 100 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Collagen alpha-1(IX) chain
Gene Symbol	COL9A1
Entrez Gene	1297(Human); 12839(Mouse)
SwissProt	P20849(Human); Q05722(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

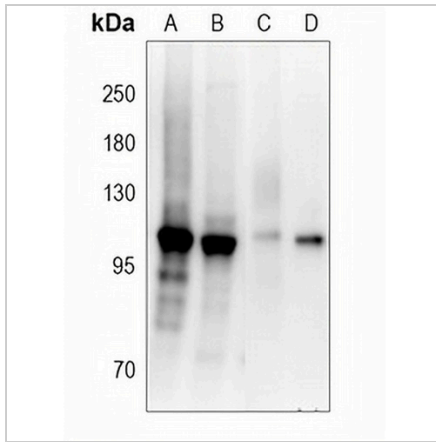
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

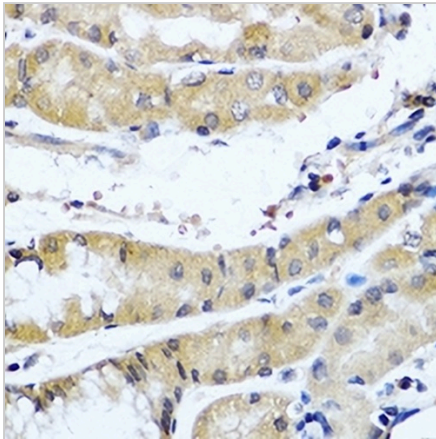
Collagen 9 alpha 1 Rabbit Polyclonal Antibody

CAT. NO. APA15348

DATA



Western blot analysis of Collagen 9 alpha 1 expression in rat heart (A), HeLa (B), mouse eyes (C), rat eyes (D) whole cell lysates. (Predicted band size: 91 kD; Observed band size: 100 kD)



Immunohistochemical analysis of Collagen 9 alpha 1 staining in human stomach formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.