

Rabbit anti-Human, Mouse Collagen IX alpha2 Polyclonal Antibody | anti-COL9A2 antibody

Collagen IX alpha2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327724	Rabbit	Human, Mouse	ELISA, Western Blot

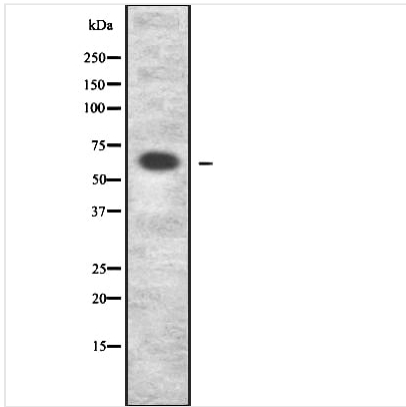
PRODUCT SYNONYMS

Collagen IX alpha2; Polyclonal Antibody; Collagen IX alpha2 Antibody; anti-COL9A2 antibody

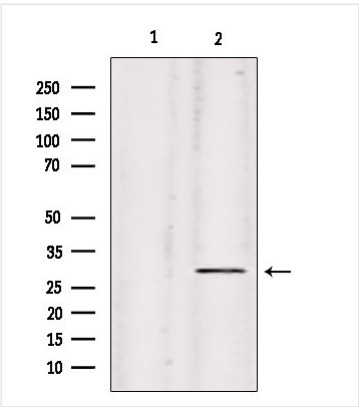
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Collagen IX alpha2 antibody detects endogenous levels of total Collagen IX alpha2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	689
Applicable Applications for anti-COL9A2 antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human Collagen IX alpha2
Subcellular Location	Extracellular Region or Secreted
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (90%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Chicken (90%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of Collagen IX alpha2 using COS7 whole cell lysates



WB (Western Blot)
Western blot analysis of extracts from hela, using Collagen IX alpha2 Antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-COL9A2 antibody	Function: Structural component of hyaline cartilage and vitreous of the eye. Subunit Structure: Heterotrimer of an alpha 1(IX), an alpha 2(IX) and an alpha 3(IX) chain. Post-translational Modifications: Covalently linked to the telopeptides of type II collagen by lysine-derived cross-links. Prolines at the third position of the tripeptide repeating unit (G-X-Y) are hydroxylated in some or all of the chains. Similarity: Belongs to the fibril-associated collagens with interrupted helices (FACIT) family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11386161
NCBI GeneID	1298
NCBI Accession #	NP_001843.1
NCBI GenBank Nucleotide #	NM_001852.3
UniProt Accession #	Q14055; B2RMP9
Molecular Weight	Observed: 65 kDa Predicted: 66 kDa
NCBI Official Full Name	collagen alpha-2(IX) chain
NCBI Official Synonym Full Names	collagen type IX alpha 2 chain
NCBI Official Symbol	COL9A2
NCBI Official Synonym Symbols	MED; EDM2; STL5; DJ39G22.4
NCBI Protein Information	collagen alpha-2(IX) chain
UniProt Protein Name	Collagen alpha-2(IX) chain
UniProt Gene Name	COL9A2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.