

bs-13962R**[Primary Antibody]****Collagen IX Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat) Predicted MW.: 89 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 1297	SWISS: P20849	
Target: Collagen IX		
Immunogen: KLH conjugated synthetic peptide derived from human Collagen IX: 801-921/921.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Type IX collagen proteoglycan is a major component of hyaline cartilages where it is located on the surface of the collagen fibrils so that a collagenous domain of the molecule (called COL 3) and a non-collagenous domain (called NC4) project at periodic distances away from the surface of the fibrils.		

— SELECTED CITATIONS —

- **[IF=4.7]** Weicong Zhu. et al. Lentivirus-based shRNA of Caspase-3 gene silencing inhibits chondrocyte apoptosis and delays the progression of surgically induced osteoarthritis. Biotechnology Journal. 2023 Sep;;2300031 FCM ;Rat. 37750185