

Anti-CORA1 antibody



Description	Unconjugated Rabbit polyclonal to CORA1
Model	STJ192567
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human CORA1 protein.
Immunogen Region	1551-1600aa
Gene ID	85301
Gene Symbol	COL27A1
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	CORA1 Polyclonal Antibody detects endogenous levels of protein.
Purification	CORA1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Collagen alpha-1 XXVII chain
Molecular Weight	204 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:22986OMIM:608461
Alternative Names	Collagen alpha-1 XXVII chain
Function	Plays a role during the calcification of cartilage and the transition of cartilage to bone.
Sequence and Domain Family	The C-terminal propeptide, also known as COLFI domain, have crucial roles in tissue growth and repair by controlling both the intracellular assembly of procollagen molecules and the extracellular assembly of collagen fibrils. It binds a calcium ion which is essential for its function .
Cellular Localization	Secreted, extracellular space, extracellular matrix. Found on some small banded collagen fibrils and meshworks.

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