

CORA1 Rabbit pAb

CatalogNo: YN2463

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 204kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 1551-1600

Specificity CORA1 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name COL27A1 KIAA1870

Protein Name	Collagen alpha-1(XXVII) chain		
	Organism	Gene ID	UniProt ID
	Human	85301 ;	Q8IZC6 ;
	Mouse		Q5QNO9 ;
	Rat		Q80ZF0 ;
Cellular Localization	Secreted, extracellular space, extracellular matrix. Found on some small banded collagen fibrils and meshworks. .		
Tissue specificity	Brain, Cartilage, Epithelium, Skin, Whole embryo,		
Function	developmental stage: Detected at E67 in the primary ossification center and is tightly restricted to the pericellular region of the hypertrophic chondrocytes and lacunae at the very center of the future diaphysis. At fetal 20-week highly abundant in the hypertrophic zone at the chondroosseous junction. Weakly detected around cells in the resting and proliferative zone of the cartilaginous plate, but the intense detection occurred deep in the hypertrophic zone near the newly formed bone. Detected throughout the extracellular matrix (ECM) in this zone it is also closely situated around hypertrophic chondrocytes., Function: Plays a role during the calcification of cartilage and the transition of cartilage to bone., similarity: Belongs to the fibrillar collagen family., similarity: Contains 1 laminin G-like domain., similarity: Contains 1 TSP N-terminal (TSPN) domain., similarity: Contains 16 collagen-like domains., subcellular location: Found on some small banded collagen fibrils and meshworks.,		

| Validation Data

| Contact information

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