

**COL11A2 (P1232) polyclonal antibody**

Catalog: BS9132

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

COL11A2 (collagen, type XI, alpha 2), also known as Collagen $\alpha 2$ Type XI, HKE5, PARP, STL3, DFNA13 or DFNBS3, is a 1,736 amino acid secreted protein that contains one TSP N-terminal domain and is thought to play an essential role in fibrillogenesis, specifically by controlling the lateral growth of collagen fibrils. Defects in the gene encoding COL11A2 are the cause of Stickler syndrome type 3 (STL3), autosomal recessive otospondylomegapiphyseal dysplasia (OSMED), Weissenbacher-Zweymueller syndrome (WZS) and non-syndromic sensorineural deafness autosomal dominant type 13 (DFNA13). Eight isoforms of COL11A2 exist due to alternative splicing events.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 172 kDa

Swiss-Prot:

P13942

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

COL11A2 (P1232) polyclonal antibody detects endogenous levels of COL11A2 protein.

DATA:**Note:**

For research use only, not for use in diagnostic procedure.

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