

COL6A2 (Y711) polyclonal antibody

Catalog: BS2181

Host: Rabbit

Reactivity: Human

BackGround:

Collagens (COLs) are fibrous, extracellular matrix proteins with high tensile strength that function as the major components of connective tissue, such as tendons and cartilage. All COL proteins contain a triple helix domain and frequently show lateral self-association in order to form complex connective tissues. Existing as a trimer with two other type VI alpha proteins, COL6A2 acts as a cell-binding protein that plays an important role in the organization of matrix components. Defects in the gene encoding COL6A2 are associated with Bethlem myopathy (BM) and Ullrich congenital muscular dystrophy (UCMD). Multiple isoforms of COL6A2 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:

~109 kDa

Swiss-Prot:

P12110

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

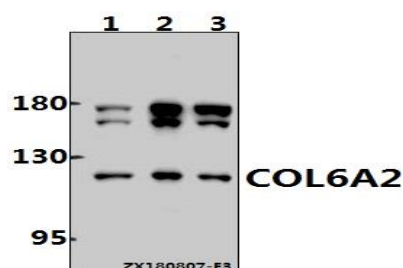
Storage&Stability:

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

Specificity:

COL6A2 (Y711) polyclonal antibody detects endogenous levels of COL6A2 protein.

DATA:

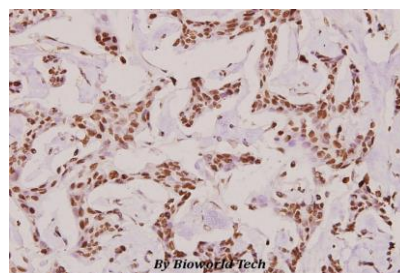


Western blot (WB) analysis of COL6A2 (Y711) pAb at 1:1000 dilution

Lane1:U-87MG whole cell lysate(40ug)

Lane2:PC3 whole cell lysate(40ug)

Lane3:MCF-7 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of COL6A2 (Y711) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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

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