

## COL5A3 (T241) polyclonal antibody

Catalog: BS9131

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

Collagens are fibrous, extracellular matrix proteins with high tensile strength and are the major components of connective tissue, such as tendons and cartilage. All collagens contain a triple helix domain and frequently show lateral self-association in order to form complex connective tissues. Several collagens also play a role in cell adhesion, important for maintaining normal tissue architecture and function. COL5A3 (collagen  $\alpha$ -3(V) chain) is a 1,745 amino acid extracellular matrix protein that belongs to the fibrillar collagen family and acts as a minor connective tissue. COL5A3 contains one TSP N-terminal (TSPN) domain, a fibrillar collagen NC1 domain.

### Product:

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

### Molecular Weight:

~ 172 kDa

### Swiss-Prot:

P25940

### 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

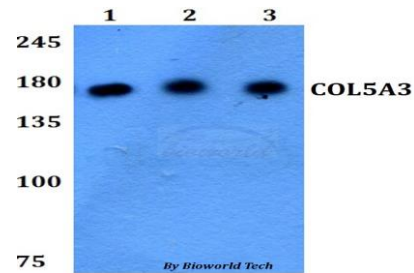
### Storage&Stability:

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

### Specificity:

COL5A3 (T241) polyclonal antibody detects endogenous levels of COL5A3 protein.

### DATA:

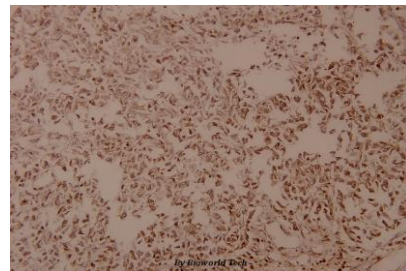


Western blot (WB) analysis of COL5A3 (T241) polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:PC12 whole cell lysate



Immunohistochemistry (IHC) analyzes of COL5A3 (T241) 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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