

COL5A3 Polyclonal Antibody

Catalog # AP69216

Product Information

| | |
|--------------------------|------------------------|
| Application | WB, IHC-P, IF |
| Primary Accession | P25940 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 172121 |

Additional Information

| | |
|---------------------------|--|
| Gene ID | 50509 |
| Other Names | COL5A3; Collagen alpha-3(V) chain |
| Dilution | WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 |
| Format | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide. |
| Storage Conditions | -20°C |

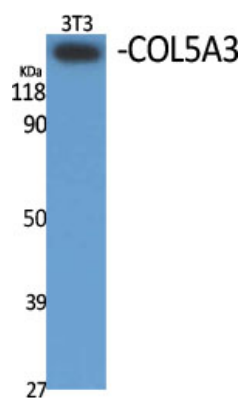
Protein Information

| | |
|--------------------------|---|
| Name | COL5A3 |
| Function | Type V collagen is a member of group I collagen (fibrillar forming collagen). It is a minor connective tissue component of nearly ubiquitous distribution. Type V collagen binds to DNA, heparan sulfate, thrombospondin, heparin, and insulin. |
| Cellular Location | Secreted, extracellular space, extracellular matrix {ECO:0000255 PROSITE-ProRule:PRU00793}. Secreted |
| Tissue Location | Detected in fibroblasts (at protein level) (PubMed:36213313). Detected in urine (at protein level) (PubMed:37453717). |

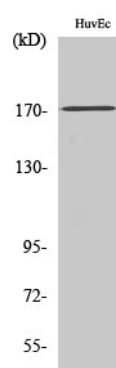
Background

Type V collagen is a member of group I collagen (fibrillar forming collagen). It is a minor connective tissue component of nearly ubiquitous distribution. Type V collagen binds to DNA, heparan sulfate, thrombospondin, heparin, and insulin.

Images



Western Blot analysis of various cells using COL5A3 Polyclonal Antibody



Western Blot analysis of K562 cells using COL5A3 Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.