

COL6A5 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54355**Specification**

COL6A5 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	A8TX70
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	289926

COL6A5 Polyclonal Antibody - Additional Information**Gene ID** 256076**Other Names**

Collagen alpha-5(VI) chain, Collagen alpha-1(XXIX) chain, von Willebrand factor A domain-containing protein 4, COL6A5, COL29A1, VWA4

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

COL6A5 Polyclonal Antibody - Protein Information**Name** COL6A5**Synonyms** COL29A1, VWA4**Function**

Collagen VI acts as a cell-binding protein.

Cellular Location

Secreted, extracellular space, extracellular matrix. Note=Deposed in the extracellular matrix of skeletal muscle.

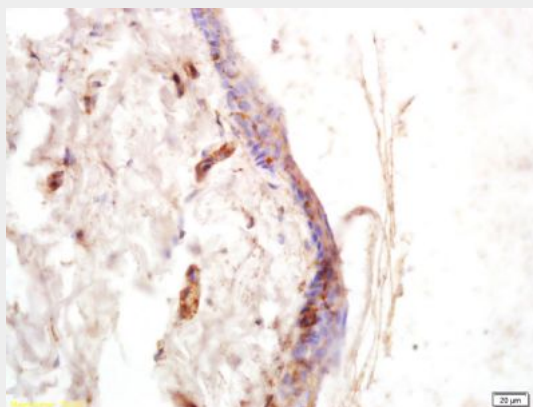
Tissue Location

Expressed in skin, followed by lung, small intestine, colon and testis. In skin, it is expressed in the epidermis with strongest staining in suprabasal viable layers. In ATOD patients, it is absent in the most differentiated upper spinous and granular layers (at protein level).

COL6A5 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

COL6A5 Polyclonal Antibody - Images

Tissue/cell: rat skin tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-COL6A5/Collagen VI alpha 5 Polyclonal Antibody, Unconjugated(bs-11047R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining