COL5A2 Polyclonal Antibody

Cat #: ABP53264   Size: 30µl /100µl /200µl

Product Information

	Product Name: COL5A2 Polyclonal Antibody		
	Applications: WB, IHC-P, ELISA		**Isotype:** Rabbit IgG
	Reactivity: Human		
REF	**Catalog Number:** ABP53264	LOT	**Lot Number:** Refer to product label
	Formulation: Liquid		**Concentration:** 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.	⚠	**Note:** Contain sodium azide.

Background: COL5A2 encodes an alpha chain for one of the low abundance fibrillar collagens. Fibrillar collagen molecules are trimers that can be composed of one or more types of alpha chains. Type V collagen is found in tissues containing type I collagen and appears to regulate the assembly of heterotypic fibers composed of both type I and type V collagen. This gene product is closely related to type XI collagen and it is possible that the collagen chains of types V and XI constitute a single collagen type with tissue-specific chain combinations. Mutations in this gene are associated with Ehlers-Danlos syndrome, types I and II.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ELISA (1:20000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.
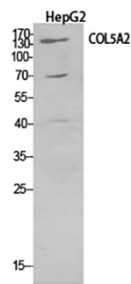
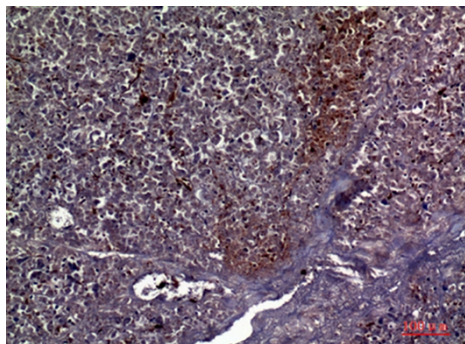|	
	Fig.1. Western Blot analysis of HepG2 cells using COL5A2 Polyclonal Antibody. Secondary antibody (catalog#: A21020) was diluted at 1:20000.
	Fig.2. Immunohistochemical analysis of paraffin-embedded human-pancreas, antibody was diluted at 1:100.