Elabscience®

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COL17A1 Polyclonal Antibody

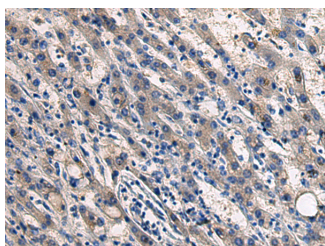|				
Catalog No.	E-AB-19718		**Reactivity**	H,M
Storage	Store at -20℃. Avoid freeze / thaw cycles.		**Host**	Rabbit
Applications	IHC,ELISA		**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images
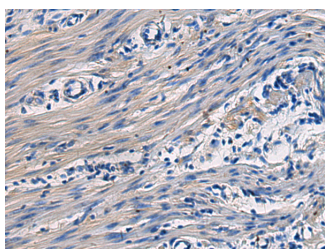
Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using COL17A1 Polyclonal Antibody at dilution of 1:50(×200)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using COL17A1 Polyclonal Antibody at dilution of 1:50(×200)

Immunogen Information

Immunogen	Synthetic peptide of human COL17A1
Gene Accession	NP000485
Swissprot	Q9UMD9
Synonyms	BP 180,BP180,BPA 2,BPAG 2,BPAG2,COL17A1,Collagen 17,FLJ60881,KIAA0204,LAD 1,LAD1

Product Information

Buffer	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	IHC 1:50-1:200, ELISA 1:5000-1:10000

Background

COL17A1 (Collagen Type XVII Alpha 1 Chain) is a Protein Coding gene. Diseases associated with COL17A1 include Epidermolysis Bullosa, Junctional, Non-Herlitz Type and Epithelial Recurrent Erosion Dystrophy. Among its related pathways are Collagen chain trimerization and Phospholipase-C Pathway. An important paralog of this gene is COL6A1.This gene encodes the alpha chain of type XVII collagen. Unlike most collagens, collagen XVII is a transmembrane protein. Collagen XVII is a structural component of hemidesmosomes, multiprotein complexes at the dermal-epidermal basement membrane zone that mediate adhesion of keratinocytes to the underlying membrane. Mutations in this gene are associated with both generalized atrophic benign and junctional epidermolysis bullosa. Two homotrimeric forms of type XVII collagen exist. The full length form is the transmembrane protein. A soluble form, referred to as either ectodomain or LAD-1, is generated by proteolytic processing of the full length form.