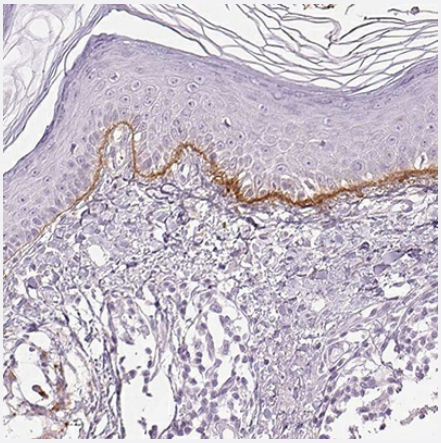
Sm Size

COL7A1 polyclonal antibody

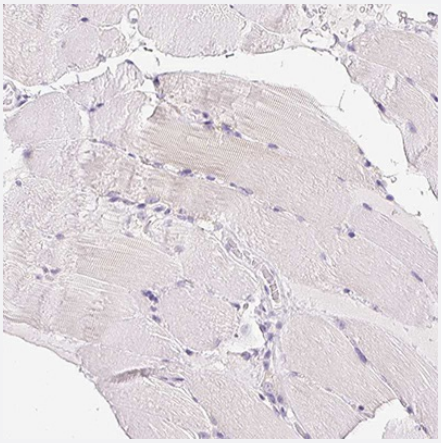
Catalog # PAB31828 Size 25 uL, 100 uL

Applications



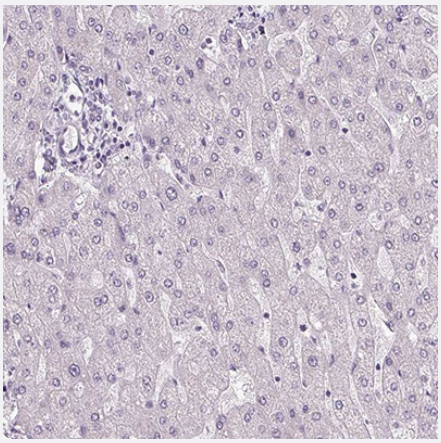
Immunohistochemistry

Immunohistochemical staining of human skin shows strong membranous positivity in epidermal cells.



Immunohistochemistry

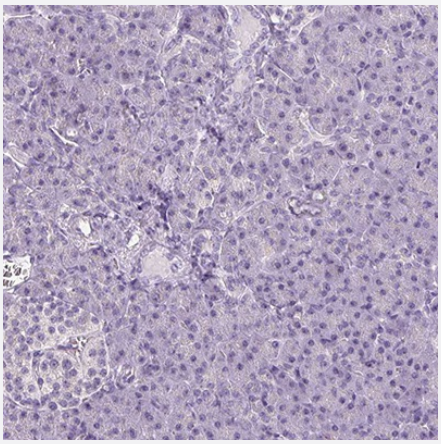
Immunohistochemical staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry

Immunohistochemical staining of human liver shows no positivity in hepatocytes as expected.

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Immunohistochemistry

Immunohistochemical staining of human pancreas shows no positivity in exocrine glandular cells as expected.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant human COL7A1.
Sequence	LTLYTLLEGHEVATPATVVPTGPELPVSPVTDLQATELPGQRVRVSWSPVPGATQYRIIVRSTQGV ERTLVLPGSQTAFDLDDVQAGLSYTVRVSARVGPREGSASVLTVRREPETPLAVPGLRVVVSDA TRVRVAWGPAPGASGFRI
Host	Rabbit
Reactivity	Human
Specificity	This antibody reacts to COL7A1.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50 - 1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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- Immunohistochemistry

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Gene Info — COL7A1

Entrez GeneID	1294
Gene Name	COL7A1
Gene Alias	EBD1, EBDCT, EBR1
Gene Description	collagen, type VII, alpha 1
Omim ID	120120 131705 131750 131850 132000 226600 604129 607523
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the alpha chain of type VII collagen. The type VII collagen fibril, composed of t hree identical alpha collagen chains, is restricted to the basement zone beneath stratified squam ous epithelia. It functions as an anchoring fibril between the external epithelia and the underlying st roma. Mutations in this gene are associated with all forms of dystrophic epidermolysis bullosa. In t he absence of mutations, however, an acquired form of this disease can result from an autoimmu ne response made to type VII collagen. [provided by RefSeq
Other Designations	LC collagen|alpha 1 type VII collagen|collagen VII, alpha-1 polypeptide|long chain collagen

Disease

- Epidermolysis Bullosa
- Epidermolysis Bullosa Dystrophica

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- Genetic Predisposition to Disease
- Pruritus
- Schizophrenia

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