Product datasheet for TA351108S

Collagen VII (COL7A1) Rabbit Polyclonal Antibody

Product data:

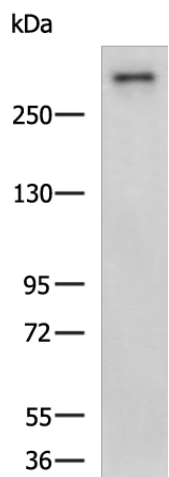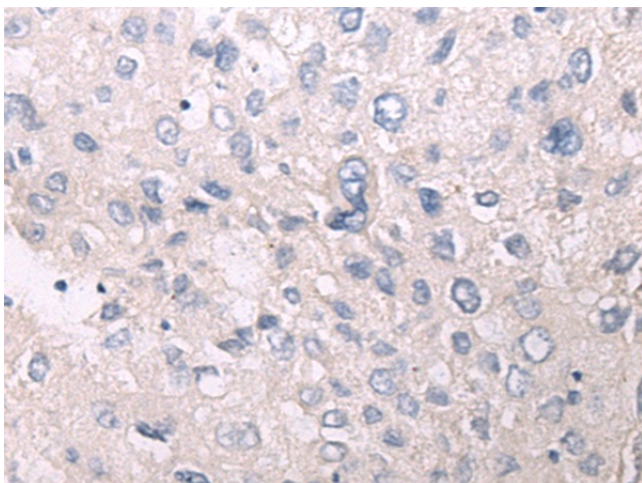|	
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Hela cell lysate IHC: 50-100 Positive control: Human liver cancer Predicted cell location: secreted
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human COL7A1
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glyceroln
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	collagen type VII alpha 1
Database Link:	NP_000085 Entrez Gene 1294 Human Q02388
Background:	This gene encodes the alpha chain of type VII collagen. The type VII collagen fibril, composed of three identical alpha collagen chains, is restricted to the basement zone beneath stratified squamous epithelia. It functions as an anchoring fibril between the external epithelia and the underlying stroma. Mutations in this gene are associated with all forms of dystrophic epidermolysis bullosa. In the absence of mutations, however, an acquired form of this disease can result from an autoimmune response made to type VII collagen.
Synonyms:	EBD1; EBDCT; EBR1; NDNC8

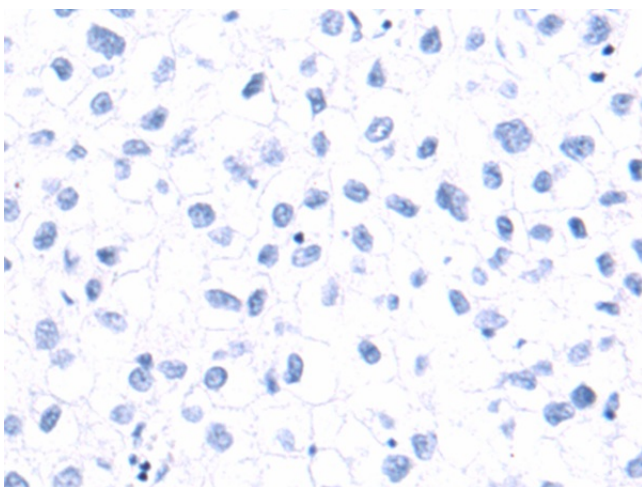View online »

Protein Families: Druggable Genome

Product images:

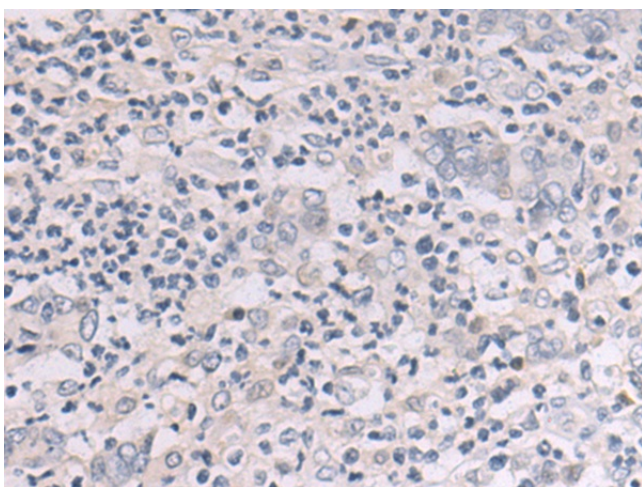

Gel: 6%SDS-PAGE
Lysate: 40 µg
Lane: Hela cell lysate
Primary antibody: [TA351108] (COL7A1 Antibody) at dilution 1/700
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
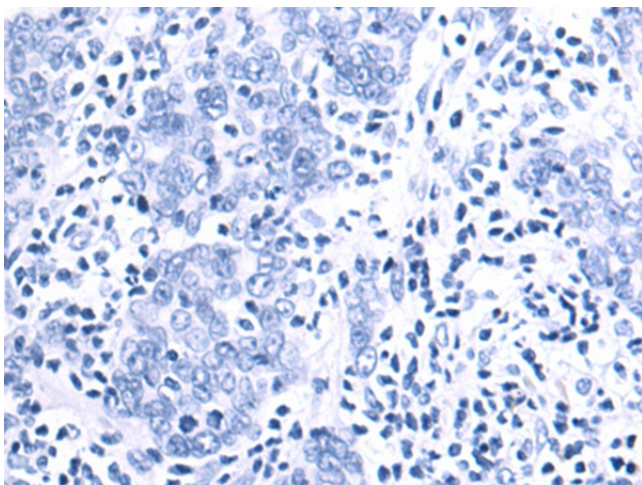Exposure time: 30 seconds

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA351108] (COL7A1 Antibody) at dilution 1/50 (Original magnification: ×200)

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Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA351108] (COL7A1 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA351108] (COL7A1 Antibody) at dilution 1/50 (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA351108] (COL7A1 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)