

Product Datasheet

Collagen XVII Antibody (SR46-05) NBP2-67316

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-67316

Collagen XVII Antibody (SR46-05)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SR46-05
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description

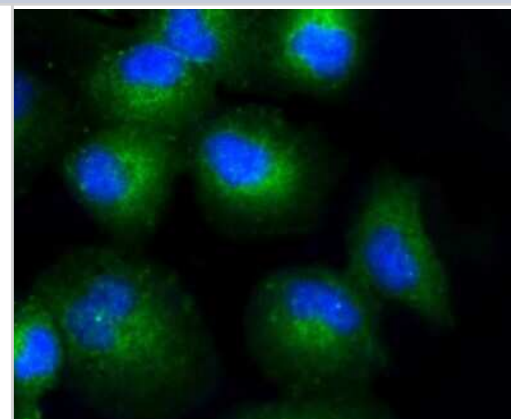
Description	Novus Biologicals Rabbit Collagen XVII Antibody (SR46-05) (NBP2-67316) is a recombinant monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-Collagen XVII Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1308
Gene Symbol	COL17A1
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human Collagen XVII aa 1313-1420 / 1497. (SwissProt: Q9UMD9 Human; SwissProt: Q07563 Mouse; Unigene:40392 Rat)

Product Application Details

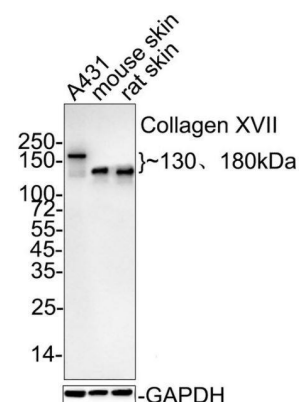
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1,000-1:5,000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:50, Immunoprecipitation Use at an assay dependent concentration, Immunohistochemistry-Paraffin 1:50-1:200

Images

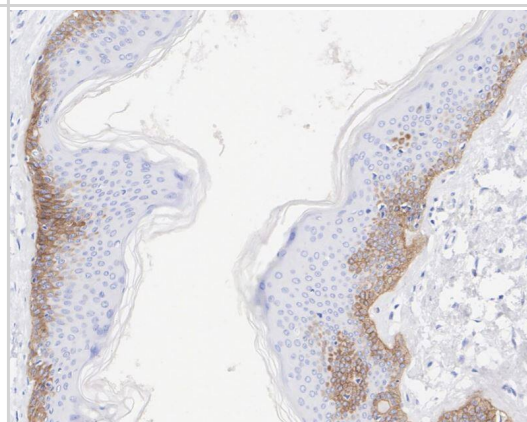
Immunocytochemistry/Immunofluorescence: Collagen XVII Antibody (SR46-05) [NBP2-67316] - Staining Collagen XVII in HUVEC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



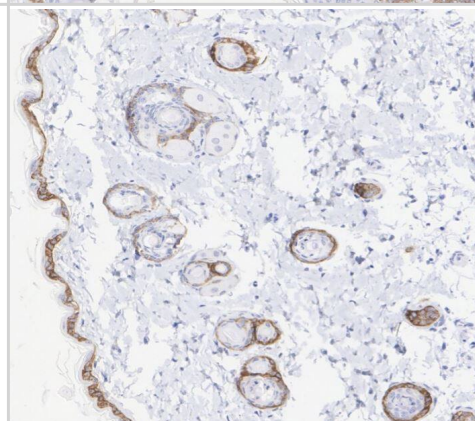
Western Blot: Collagen XVII Antibody (SR46-05) [NBP2-67316] - Analysis of Collagen XVII on different lysates with Rabbit anti-Collagen XVII antibody at 1/5,000 dilution. Lane 1: A431 cell lysate (15 ug/Lane) Lane 2: Mouse skin tissue lysate (20 ug/Lane) Lane 3: Rat skin tissue lysate (20 ug/Lane) Predicted band size: 148 kDa Observed band size: 130 ~ 180 kDa Exposure time: 40 seconds; ECL: K1802; 4-20% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/5,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



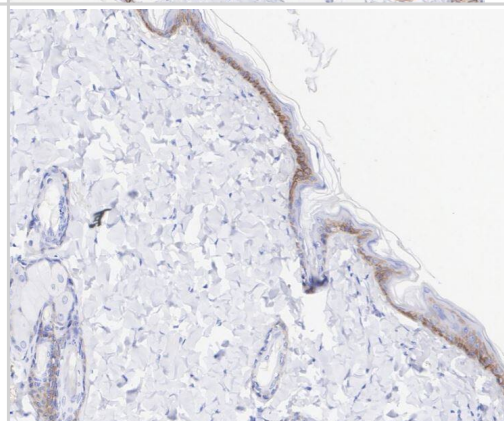
Immunohistochemistry-Paraffin: Collagen XVII Antibody (SR46-05) [NBP2-67316] -Human skin tissue with Rabbit anti-Collagen XVII antibody at 1/200 dilution. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: Collagen XVII Antibody (SR46-05) [NBP2-67316] -Analysis of paraffin-embedded mouse skin tissue with Rabbit anti-Collagen XVII antibody at 1/200 dilution. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: Collagen XVII Antibody (SR46-05) [NBP2-67316] - Rat skin tissue with Rabbit anti-Collagen XVII antibody at 1/200 dilution. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Publications

Fischer NG, Kobe AC, Dai J et al. Tapping basement membrane motifs: Oral junctional epithelium for surface-mediated soft tissue attachment to prevent failure of percutaneous devices Acta biomaterialia 2021-12-29 [PMID: 34971784] (IF/IHC, Rat)



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Products Related to NBP2-67316

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-38686PEP	Collagen XVII Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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