

Product Datasheet

Collagen VII Antibody NBP1-00174

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-00174

Collagen VII Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	1294
Gene Symbol	COL7A1
Species	Rat
Specificity/Sensitivity	This product does not work on cryostat sections of Normal Human Skin.
Immunogen	Peptide with sequence C-TVQYSDDPRTEF corresponding to internal region according to NP_000085.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 1.5 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	An anonymous customer has reported unsuccessful usage on cryosections of human Skin. WB: Approx. 250 kDa band observed in rat testis lysates (calculated MW of 159 kDa band according to rat NP_001100328.1).

Images

Western Blot: Collagen VII Antibody [NBP1-00174] - Analysis of Collagen VII in rat testis lysate (35ug protein in RIPA buffer) using this antibody at 0.5ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Nystrom A, Bornert O, Kuhl T et al. Impaired lymphoid extracellular matrix impedes antibacterial immunity in epidermolysis bullosa Proc. Natl. Acad. Sci. U.S.A. 2018-01-23 [PMID: 29305555] (WB)

Ortiz-Urda S, Garcia J, Green CL et al. Type VII collagen is required for Ras-driven human epidermal tumorigenesis. Science 2005-03-18 [PMID: 15774758]



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Products Related to NBP1-00174

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-37900PEP	Collagen VII 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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