

Datasheet: VPA00854

BATCH NUMBER 163017

Description:	RABBIT ANTI COLLAGEN VII
Specificity:	COLLAGEN VII
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Rabbit polyclonal antibody purified by affinity chromatography on immunogen
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide 50% Glycerol
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Recombinant protein of human collagen VII

**External Database
Links**

UniProt:

[Q02388](#) [Related reagents](#)

Entrez Gene:

[1294](#) COL7A1 [Related reagents](#)

Specificity

Rabbit anti Human collagen VII antibody recognizes collagen VII, also known as LC collagen, collagen alpha-1(VII) chain, COL7A1 and long-chain collagen.

COL7A1 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 COL7A1 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 (provided by RefSeq, Jul 2008).

Rabbit anti Human collagen VII chain antibody detects a band of 295 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti collagen VII antibody recognizes a band of approximately 295 kDa in A431 cell lysates

Storage

Store undiluted at -20°C, avoiding repeated freeze thaw cycles

Guarantee

12 months from date of despatch

Acknowledgements

PrecisionAb is a trademark of Bio-Rad Laboratories

**Health And Safety
Information**

Material Safety Datasheet documentation #10049 available at:
<https://www.bio-rad-antibodies.com/SDS/VPA00854>
10049

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

'M416152:230206'

Printed on 19 Jan 2024
