

Datasheet: VPA00836

BATCH NUMBER 170824

Description:	RABBIT ANTI COLLAGEN IV ALPHA 5
Specificity:	COLLAGEN IV ALPHA 5
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	0.09% Sodium Azide <50% Glycerol
Immunogen	Recombinant protein of human collagen IV alpha 5

External Database Links

UniProt:

[P29400](#)

[Related reagents](#)

Entrez Gene:[1287](#) COL4A5 [Related reagents](#)

Specificity **Rabbit anti Human collagen IV alpha 5 antibody** recognizes collagen IV alpha 5, also known as collagen alpha-5(IV) chain, ATS, COL4A5, ASLN and collagen of basement membrane alpha-5 chain.

COL4A5 encodes one of the six subunits of type IV collagen, the major structural component of basement membranes. Mutations in COL4A5 are associated with X-linked Alport syndrome, also known as hereditary nephritis. Like the other members of the type IV collagen gene family, COL4A5 is organized in a head-to-head conformation with another type IV collagen gene so that each gene pair shares a common promoter. Alternatively spliced transcript variants have been identified for COL4A5 (provided by RefSeq, Aug 2010).

Rabbit anti Human collagen IV alpha 5 antibody detects a band of 161 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti collagen IV alpha 5 antibody recognizes a band of approximately 161 kDa in RD 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/VPA00836>
10049

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

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

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