Datasheet: VPA00585

Description:	RABBIT ANTI A4GALT
Specificity:	A4GALT
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

PrecisionAb antibodies have been extensively validated for the western blot application. The antibody has been validated at the suggested dilution. 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 dependant on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse
N.B. Antibody reactivity and working conditions may vary between species.

Product Form

Purified IgG - liquid

Preparation

Rabbit polyclonal antibody purified by affinity chromatography

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN_3)
2% Sucrose

Immunogen

Synthetic peptide directed towards the middle region of human A4GALT

External Database Links

UniProt:
Q9NPC4 Related reagents

Entrez Gene:
53947 A4GALT Related reagents

Synonyms

A14GALT, A4GALT1

Specificity	**Rabbit anti Human A4GALT antibody** recognizes A4GALT, also known as CD77 synthase, GB3 synthase, P blood group (P one antigen), P(k) antigen synthase, P1/Pk synthase, UDP-galactose:beta-D-galactosyl-beta1-R 4-alpha-D-galactosyltransferase, alpha-1,4-N-acetylglucosaminyltransferase, alpha4Gal-T1 or globotriaosylceramide synthase. The protein encoded by the A4GALT gene catalyzes the transfer of galactose to lactosylceramide to form globotriaosylceramide, which has been identified as the P(k) antigen of the P blood group system. The encoded protein, a single pass, type II membrane glycoprotein found in the Golgi, is also required for the synthesis of the bacterial verotoxins receptor (provided by RefSeq, Jul 2008). Rabbit anti Human A4GALT antibody detects a band of 40 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.
Western Blotting	Anti A4GALT detects a band of approximately 40 kDa in HT-1080 cell lysates
Instructions For Use	Please refer to the PrecisionAb western blotting protocol. For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20^{o}C, avoiding repeated freeze thaw cycles
Shelf Life	As supplied, 12 months from date of despatch
Acknowledgements	PrecisionAb™ is a trademark of Bio-Rad Laboratories
Health And Safety Information	Material Safety Datasheet documentation #10045 available at: Antibody (10045): https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

North & South America	Tel: +1 800 265 7376 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

'M294845:161101'

Printed on 30 Apr 2018

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