

Datasheet: VPA00659

BATCH NUMBER 161208

Description:	RABBIT ANTI TUBULIN ALPHA 3C/D CHAIN
Specificity:	TUBULIN ALPHA 3C/D CHAIN
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

Species Cross Reactivity

Reacts with: Mouse

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Rabbit polyclonal antibody purified by affinity chromatography

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide
2% Sucrose

Immunogen Synthetic peptide encompassing part of the N terminal region of human tubulin alpha 3C/D chain

External Database Links

UniProt:

[Q13748](#) [Related reagents](#)

Entrez Gene:

[113457](#) TUBA3D [Related reagents](#)

Synonyms TUBA2

Specificity **Rabbit anti Human tubulin alpha 3C/D chain antibody** recognizes the tubulin alpha 3C/D chain, also known as alpha-tubulin 2, tubulin alpha-2 chain or tubulin alpha 2.

Microtubules of the eukaryotic cytoskeleton perform essential and diverse functions and are composed of a heterodimer of alpha and beta tubulin. The genes encoding these microtubule constituents are part of the tubulin superfamily, which is composed of six distinct families. Genes from the alpha, beta and gamma tubulin families are found in all eukaryotes. The alpha and beta tubulins represent the major components of microtubules, while gamma tubulin plays a critical role in the nucleation of microtubule assembly. There are multiple alpha and beta tubulin genes and they are highly conserved among and between species. TUBA3C is an alpha tubulin gene that encodes a protein 99% identical to the mouse testis-specific Tuba3 and Tuba7 gene products. TUBA3C gene is located in the 13q11 region, which is associated with the genetic diseases Clouston hidrotic ectodermal dysplasia and Kabuki syndrome (provided by RefSeq, Jul 2008).

Rabbit anti Human tubulin alpha 3C/D chain antibody detects a band of 50 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Rabbit anti tubulin alpha 3C/D chain detects a band of approximately 50 kDa in Jurkat 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 #10045 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00659>
Antibody (10045)

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

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M370952:200529'

Printed on 13 Aug 2023

© 2023 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)