

Datasheet: AHP2709

Description:	RABBIT ANTI MANIC FRINGE
Specificity:	MANIC FRINGE
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 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	▪			1/500 - 1/2000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species Human

Product Form Purified IgG - liquid

Antiserum Preparation Antiserum to Manic Fringe was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution 0.42% Potassium phosphate
0.87% Sodium chloride

Preservative <0.1% Sodium Azide (NaN₃)
Stabilisers 30% Glycerol

Immunogen KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Manic Fringe

External Database Links

UniProt:

[O00587](https://www.uniprot.org/entry/O00587)

[Related reagents](#)

Entrez Gene:

[4242](#) MFNG [Related reagents](#)

Specificity	Rabbit anti Manic Fringe antibody recognizes beta-1,3-N-acetylglucosaminyltransferase manic fringe, also known as MFNG. It belongs to the β 3N-acteylglucosaminy-transferases family that modulates the Notch signaling pathway activity (Haines and Irvine 2003 , Kakuda and Haltiwanger 2017). In claudin-low breast cancer cell lines, manic fringe has been shown to act as an oncogene by Notch-mediated induction of PIK3CG (Zhang et al. 2015).
Western Blotting	Rabbit anti Manic Fringe antibody detects a band of approximately 36 kDa in HepG2 cell lysate
Storage	Store at -20°C Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #20407 available at: 20407: https://www.bio-rad-antibodies.com/uploads/MSDS/20407.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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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)
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