

Datasheet: VPA00681

**BATCH NUMBER 161118**

<b>Description:</b>	RABBIT ANTI MYH
<b>Specificity:</b>	MYH
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography
<b>Buffer Solution</b>	TRIS buffered glycine
<b>Preservative Stabilisers</b>	0.01% Thiomersal <50% Glycerol
<b>Immunogen</b>	Recombinant protein encompassing part of the middle region of human MYH
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">Q9UIF7</a> <a href="#">Related reagents</a>

**Entrez Gene:**[4595](#) MUTYH [Related reagents](#)

<b>Synonyms</b>	MYH
<b>Specificity</b>	<p><b>Rabbit anti Human MYH antibody</b> recognizes the A/G-specific adenine DNA glycosylase.</p> <p>The MUTYH gene encodes a DNA glycosylase involved in oxidative DNA damage repair. The enzyme excises adenine bases from the DNA backbone at sites where adenine is inappropriately paired with guanine, cytosine, or 8-oxo-7,8-dihydroguanine, a major oxidatively damaged DNA lesion. The protein is localized to the nucleus and mitochondria. Mutations in MUTYH result in heritable predisposition to colon and stomach cancer. Multiple transcript variants encoding different isoforms have been found for MUTYH (provided by RefSeq, Jul 2008).</p> <p>Rabbit anti Human MYH antibody detects a band of 55 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Rabbit anti MYH detects a band of approximately 55 kDa in K562 cell lysates
<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
<b>Guarantee</b>	12 months from date of despatch
<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #20357 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VPA00681">https://www.bio-rad-antibodies.com/SDS/VPA00681</a> Antibody (20357)
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

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

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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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