

Datasheet: VPA00681

Description:	RABBIT ANTI MYH
Specificity:	MYH
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
Product Form	Purified IgG - liquid
Preparation	Rabbit polyclonal antibody purified by affinity chromatography
Buffer Solution	TRIS buffered glycine
Preservative	0.01% Thiomersal
Stabilisers	<50% Glycerol
Immunogen	Recombinant protein encompassing part of the middle region of human MYH
External Database Links	<p>UniProt: Q9UIF7 Related reagents</p> <p>Entrez Gene: 4595 MUTYH Related reagents</p>
Synonyms	MYH
Specificity	Rabbit anti Human MYH antibody recognizes the A/G-specific adenine DNA glycosylase.

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).

Rabbit anti Human MYH antibody detects a band of 55 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Rabbit anti MYH detects a band of approximately 55 kDa in K562 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°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 #20357 available at: Antibody (20357): https://www.bio-rad-antibodies.com/uploads/MSDS/20357.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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