

Datasheet: VMA00110

Description:	MOUSE ANTI CAPZA1
Specificity:	CAPZA1
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
Clone:	OTI2G4
Isotype:	IgG1
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, Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody purified by affinity chromatography from ascites.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 50% Glycerol
Immunogen	Full length recombinant human CAPZA1(NP_006126) produced in HEK293T cells
External Database Links	UniProt: P52907 Related reagents Entrez Gene: 829 CAPZA1 Related reagents

Specificity	Mouse anti Human CAPZA1 antibody recognizes capZ alpha-1 (CAPZA1), also known as Cap Z and F-actin-capping protein subunit alpha-1. CapZ alpha-1 is a member of the F-actin capping protein alpha subunit family and regulates growth of the actin filament by capping the barbed end of growing actin filaments (provided by RefSeq, Jul 2008). Mouse anti Human CAPZA1 antibody detects a band of 33 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.
Western Blotting	Anti CAPZA1 detects a band of approximately 33 kDa in Jurkat 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 #10048 available at: Antibody (10048): https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...)[HRP](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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