

Datasheet: VPA00551

Description:	GOAT ANTI CAPG
Specificity:	CAPG
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
Species Cross Reactivity	Reacts with: Mouse N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Preparation	Goat polyclonal antibody purified by affinity chromatography
Buffer Solution	TRIS buffered saline
Preservative	0.09% Sodium Azide (NaN ₃)
Stabilisers	0.5% Bovine Serum Albumin
Immunogen	Peptide sequence C-KAQVEIVTDGEEP
External Database Links	UniProt: P40121 Related reagents Entrez Gene: 822 CAPG Related reagents
Synonyms	AFCP, MCP

Specificity **Goat anti Human CAPG antibody** recognizes CAPG, also known as actin regulatory protein CAP-G, epididymis secretory protein Li 66 or gelsolin-like capping protein.

The CAPG gene encodes a member of the gelsolin/villin family of actin-regulatory proteins. The encoded protein reversibly blocks the barbed ends of F-actin filaments in a Ca²⁺ and phosphoinositide-regulated manner, but does not sever preformed actin filaments. By capping the barbed ends of actin filaments, the encoded protein contributes to the control of actin-based motility in non-muscle cells. Alternatively spliced transcript variants have been observed for CAPG (provided by RefSeq, Jan 2012).

Goat anti Human CAPG antibody detects a band of 43 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Anti CAPG detects a band of approximately 43 kDa in NIH/3T3 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 #10058 available at: Antibody (10058): https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [HRP](#)

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Printed on 01 May 2018