

Datasheet: VPA00551

**BATCH NUMBER 160712**

<b>Description:</b>	GOAT ANTI CAPG
<b>Specificity:</b>	CAPG
<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.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Mouse

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Purified IgG - liquid.

### Preparation

Goat polyclonal antibody purified by affinity chromatography.

### Buffer Solution

TRIS buffered saline.

### Preservative Stabilisers

0.09% Sodium Azide (NaN<sub>3</sub>)

0.5% Bovine Serum Albumin.

<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
<b>Immunogen</b>	Peptide sequence C-KAQVEIVTDGEEP
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P40121</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">822</a>    CAPG    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	AFCP, MCP
<b>Specificity</b>	<p><b>Goat anti Human CAPG antibody</b> recognizes CAPG, also known as actin regulatory protein CAP-G, epididymis secretory protein Li 66 or gelsolin-like capping protein.</p> <p>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 Ca<sup>2+</sup> 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).</p> <p>Goat anti Human CAPG antibody detects a band of 43 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Anti CAPG detects a band of approximately 43 kDa in NIH/3T3 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 #10058 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VPA00551">https://www.bio-rad-antibodies.com/SDS/VPA00551</a> Antibody (10058)
<b>Regulatory</b>	For research purposes only.

## Related Products

### Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [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://bio-rad-antibodies.com/datasheets)

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