

## Datasheet: VPA00054

<b>Description:</b>	GOAT ANTI IQGAP1
<b>Specificity:</b>	IQGAP1
<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, Rat  
**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

0.02% Sodium Azide (NaN<sub>3</sub>)  
 0.5% Bovine Serum Albumin

#### Immunogen

Peptide sequence C-KRQSGQTDPLQKEE, from the internal region of the protein

sequence.

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**External Database****Links****UniProt:**[P46940](#)[Related reagents](#)**Entrez Gene:**[8826](#)

IQGAP1

[Related reagents](#)

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**Synonyms**

KIAA0051

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**Specificity**

**Goat anti Human IQGAP1 antibody** recognizes human IQGAP1, a member of the IQGAP family. IQGAP1 is scaffold protein of, among others, the MAPK pathway, binding three consecutive signaling molecules RAF, MEK and ERK and thereby facilitating their interaction. Through this role in a core signaling network, IQGAP has major impact on cytoskeletal reorganization, proliferation, cell motility and invasion ([White et al., 2012](#)).

Researchers have identified IQGAP1 as important to the hyperactive MAPK signaling associated with several forms of cancer ([Jameson et al., 2013](#)).

Goat anti Human IQGAP1 detects IQGAP1 as a band of 189 kDa in a range of human cell line lysates. Cross reactivity with rodent cell lines is also observed.

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**Western Blotting**

Goat anti IQGAP1 detects a band of approximately 189 kDa in HeLa cell lysates.

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**Storage**

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

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**Guarantee**

12 months from date of despatch

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**Acknowledgements**

PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety Information**

Material Safety Datasheet documentation #10058 available at:  
Antibody (10058): <https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf>

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

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

**North & South**

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**America**

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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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