

Datasheet: VPA00054

Description:	GOAT ANTI IQGAP1
Specificity:	IQGAP1
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, Rat 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	0.02% Sodium Azide (NaN ₃)
Stabilisers	0.5% Bovine Serum Albumin
Immunogen	Peptide sequence C-KRQSGQTDPLQKEE, from the internal region of the protein sequence.
External Database Links	<p>UniProt: P46940 Related reagents</p> <p>Entrez Gene: 8826 IQGAP1 Related reagents</p>
Synonyms	KIAA0051

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.

Western Blotting Goat anti IQGAP1 detects a band of approximately 189 kDa in HeLa 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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