

Datasheet: VPA00546

Description:	GOAT ANTI KPNA4
Specificity:	KPNA4
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

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 (NaN₃)
0.5% Bovine Serum Albumin.

Immunogen

Peptide sequence C-NSSANVPTEGFQF

**External Database
Links**

UniProt:

[O00629](#) [Related reagents](#)

Entrez Gene:

[3840](#) KPNA4 [Related reagents](#)

Synonyms QIP1

Specificity **Goat anti Human KPNA4 antibody** recognizes KPNA4 also known as importin subunit alpha-3, importin alpha Q1, importin subunit alpha-4 or karyopherin subunit alpha-4.

The nuclear import of karyophilic proteins is directed by short amino acid sequences termed nuclear localization signals (NLSs). Karyopherins, or importins, are cytoplasmic proteins that recognize NLSs and dock NLS-containing proteins to the nuclear pore complex. The protein encoded by KPNA4 gene shares sequence similarity with *Xenopus* importin-alpha and *Saccharomyces cerevisiae* Srp1. This protein is found to interact with the NLSs of DNA helicase Q1 and SV40 T antigen (provided by RefSeq, Jul 2008).

Goat anti Human KPNA4 antibody detects a band of 58 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti KPNA4 detects a band of approximately 58 kDa in NIH/3T3 cell lysates.

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

Guarantee 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:
<https://www.bio-rad-antibodies.com/SDS/VPA00546>
Antibody (10058)

Regulatory For research purposes only.

Related Products

Recommended Secondary Antibodies

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

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

 Email: antibody_sales_us@bio-rad.com

Worldwide

 Tel: +44 (0)1865 852 700

 Fax: +44 (0)1865 852 739

 Email: antibody_sales_uk@bio-rad.com

Europe

 Tel: +49 (0) 89 8090 95 21

 Fax: +49 (0) 89 8090 95 50

 Email: antibody_sales_de@bio-rad.com

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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