

## Datasheet: VPA00486KT

<b>Description:</b>	hnRNP Q / SYNCRIP ANTIBODY WITH CONTROL LYSATE
<b>Specificity:</b>	hnRNP Q / SYNCRIP
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	2 Westerns

## 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

**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.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	Reacts with: Mouse <b>N.B.</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.
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	20µl Rabbit Ig fraction prepared by ammonium sulphate precipitation.
<b>Buffer Solution</b>	Phosphate buffered saline.
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ).
<b>Immunogen</b>	KLH conjugated synthetic peptide corresponding to amino acid 591-623 of human hnRNP

## Q

---

### External Database

#### Links

#### UniProt:

[O60506](#)

[Related reagents](#)

#### Entrez Gene:

[10492](#)

SYNCRIP

[Related reagents](#)

---

### Synonyms

HNRPQ, NSAP1

---

### Specificity

**Rabbit anti Human hnRNP Q / SYNCRIP antibody** recognizes hnRNP Q / SYNCRIP also known as heterogeneous nuclear ribonucleoprotein Q, NS1-associated protein 1, glycine- and tyrosine-rich RNA-binding protein or Synaptotagmin-binding, cytoplasmic RNA-interacting protein.

Encode by the SYNCRIP gene, hnRNP Q is a member of the cellular heterogeneous nuclear ribonucleoprotein (hnRNP) family. hnRNPs are RNA binding proteins that complex with heterogeneous nuclear RNA (hnRNA) and regulate alternative splicing, polyadenylation, and other aspects of mRNA metabolism and transport. The encoded protein plays a role in multiple aspects of mRNA maturation and is associated with several multiprotein complexes including the apoB RNA editing-complex and survival of motor neurons (SMN) complex. Alternatively spliced transcript variants encoding multiple isoforms have been observed for SYNCRIP, and a pseudogene of SYNCRIP is located on the short arm of chromosome 20 (provided by RefSeq, Dec 2011).

Rabbit anti Human hnRNP Q / SYNCRIP antibody detects a band of 65-82 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

---

### Western Blotting

Anti hnRNP Q / SYNCRIP detects a band of approximately 65-82 kDa in HepG2 cell lysates.

---

### Instructions For Use

Please refer to the [PrecisionAb western blotting protocol](#).

---

### Lysate Composition

400µg HepG2 lysate lyophilized in RIPA buffer.

---

### Lysate Reconstitution

- If using DDT reconstitute the lyophilized lysate with 190µl DI H<sub>2</sub>O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT.

- If using BME reconstitute the lyophilized lysate with 180µl DI H<sub>2</sub>O, add 200µl 2x Laemmli Sample Buffer and 20µl BME.

Heat at 95°C for 5 minutes. For 10 well mini gels load 25µl. For other gel and comb formats please refer to the PrecisionAb western blotting protocol.

---

### Storage

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

Lysate: Store lyophilized lysate at -20°C. After reconstitution aliquot and store at -20°C for up to 3 months or at -80°C for longer term storage.

---

**Guarantee** 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 #10040 #10561 available at:  
Antibody (10040): <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>  
Lysate Material (10561): <https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf>

---

**Regulatory** For research purposes only.

---

## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto: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](mailto: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](mailto:antibody_sales_de@bio-rad.com)

From March 15, 2021, we will no longer supply printed datasheets with our products.  
Look out for updates on how to access your digital version at [bio-rad-antibodies.com](https://www.bio-rad-antibodies.com)

'M351182:190315'

**Printed on 10 Feb 2021**

---

© 2021 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)