

Datasheet: VPA00527

**BATCH NUMBER 160712**

<b>Description:</b>	RABBIT ANTI CHRNA5
<b>Specificity:</b>	CHRNA5
<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.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	<p>Reacts with: Rat</p> <p><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.</p>
<b>Product Form</b>	Purified IgG - liquid.
<b>Preparation</b>	Rabbit polyclonal antibody prepared by affinity chromatography on Protein A.
<b>Buffer Solution</b>	Phosphate buffered saline.
<b>Preservative Stabilisers</b>	<p>0.09% Sodium Azide (NaN<sub>3</sub>)</p> <p>2% Sucrose.</p>

**Immunogen** Synthetic peptide directed towards the middle region of human CHRNA5

**External Database**

**Links**

**UniProt:**

[P30532](#)

[Related reagents](#)

**Entrez Gene:**

[1138](#)

CHRNA5

[Related reagents](#)

**Synonyms**

NACHRA5

**Specificity**

**Rabbit anti Human CHRNA5 antibody** recognizes CHRNA5 also known as neuronal acetylcholine receptor subunit alpha-5, Cholinergic receptor, neuronal nicotinic, alpha polypeptide-5, or neuronal nicotinic acetylcholine receptor, alpha5 subunit.

The protein encoded by the CHRNA5 gene is a nicotinic acetylcholine receptor subunit and a member of a superfamily of ligand-gated ion channels that mediate fast signal transmission at synapses. These receptors are thought to be heteropentamers composed of separate but similar subunits. Defects in CHRNA5 have been linked to susceptibility to lung cancer type 2 ([LNCR2](#)) (provided by RefSeq, Jun 2010).

Rabbit anti Human CHRNA5 antibody detects a band of 53 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

**Western Blotting**

Anti CHRNA5 detects a band of approximately 53 kDa in A431 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 #10045 available at:  
<https://www.bio-rad-antibodies.com/SDS/VPA00527>  
Antibody (10045)

**Regulatory**

For research purposes only.

## Related Products

### Recommended Secondary Antibodies

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

**North & South America**

Tel: +1 800 265 7376

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)

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)

'M370840:200529'

