

Datasheet: VPA00539

**BATCH NUMBER 160712**

<b>Description:</b>	RABBIT ANTI HEMOGLOBIN SUBUNIT EPSILON
<b>Specificity:</b>	HEMOGLOBIN SUBUNIT EPSILON
<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>Product Form</b>	Purified IgG - liquid.
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography.
<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 55-83 of human hemoglobin subunit epsilon
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P02100</a> <a href="#">Related reagents</a>

**Entrez Gene:**[3046](#) HBE1 [Related reagents](#)

---

<b>Synonyms</b>	HBE
-----------------	-----

---

<b>Specificity</b>	<b>Rabbit anti Human hemoglobin subunit epsilon antibody</b> recognizes hemoglobin subunit epsilon also known as epsilon globin.  The epsilon globin gene (HBE) is normally expressed in the embryonic yolk sac: two epsilon chains together with two zeta chains (an alpha-like globin) constitute the embryonic hemoglobin Hb Gower I; two epsilon chains together with two alpha chains form the embryonic Hb Gower II. Both of these embryonic hemoglobins are normally supplanted by fetal, and later, adult hemoglobin. The five beta-like globin genes are found within a 45 kb cluster on chromosome 11 in the following order: 5'-epsilon - G-gamma - A-gamma - delta - beta-3' (provided by RefSeq, Jul 2008).  Rabbit anti Human hemoglobin subunit epsilon antibody detects a band of 14 kDa. The antibody has been extensively validated for western blotting using tissue and whole cell lysates.
--------------------	---

---

<b>Western Blotting</b>	Anti hemoglobin subunit epsilon detects a band of approximately 14 kDa in mouse liver.
-------------------------	--

---

<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
----------------	---

---

<b>Guarantee</b>	12 months from date of despatch
------------------	---------------------------------

---

<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories
-------------------------	--

---

<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VPA00539">https://www.bio-rad-antibodies.com/SDS/VPA00539</a> Antibody (10040)
--------------------------------------	--

---

<b>Regulatory</b>	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 3751Email: [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)

'M370849:200529'

Printed on 13 Aug 2023