

## Datasheet: VPA00325

<b>Description:</b>	RABBIT ANTI DJ-1
<b>Specificity:</b>	DJ-1
<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>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml.
<b>Immunogen</b>	KLH-conjugated synthetic peptide corresponding to aa 130-164 of human DJ-1
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">Q99497</a> <a href="#">Related reagents</a>

## Entrez Gene:

[11315](#) PARK7 [Related reagents](#)

---

**Specificity** **Rabbit anti Human DJ-1 antibody** recognizes the oncogene DJ-1, also known as Parkinson disease (autosomal recessive, early onset) 7, PARK-7 and epididymis secretory sperm binding protein Li 67p

Encoded by the PARK7 gene, oncogene DJ-1 belongs to the peptidase C56 family of proteins. It acts as a positive regulator of androgen receptor-dependent transcription. It may also function as a redox-sensitive chaperone, as a sensor for oxidative stress, and it apparently protects neurons against oxidative stress and cell death. Defects in PARK7 gene are the cause of autosomal recessive early-onset Parkinson disease 7. Two transcript variants encoding the same protein have been identified for PARK7 (provided by RefSeq, Jul 2008).

Rabbit anti Human DJ-1 antibody detects a band of 22 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

---

**Western Blotting** Anti DJ-1 detects a band of approximately 22 kDa in HeLa cell lysate.

---

**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 #10040 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00325>  
Antibody (10040)

---

**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)

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)

'M401252:220714'

Printed on 18 Jan 2024