

## Product Datasheet

# PKP2 Rabbit Polyclonal Antibody (Biotin) (orb2584405)

<b>Catalog Number</b>	orb2584405
<b>Category</b>	Antibodies
<b>Description</b>	Anti-PKP2 Antibody. Tested in ELISA, IF, IHC, ICC, WB, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
<b>Target</b>	Plakophilin-2
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Biotin
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form/Appearance</b>	Liquid
<b>Buffer/Preservatives</b>	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
<b>Purification</b>	Immunogen affinity purified.
<b>Immunogen</b>	E.coli-derived human PKP2 recombinant protein (Position: R369-Q804). Human PKP2 shares 82.8% and 79.4% amino acid (aa) sequence identity with mouse and rat PKP2, respectively.
<b>UniProt ID</b>	<b>Q99959</b>
<b>MW</b>	52588 Da

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

<b>Tested applications</b>	ELISA, IHC, WB
<b>Dilution range</b>	Western blot, Optimal dilutions should be determined by end users. Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users. ELISA, Optimal dilutions should be determined by end users.
<b>Cross Reactivity</b>	No cross reactivity with other proteins.
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

---

#### **Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

#### **Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)