

## Product datasheet for **TA346645**

### PTP4A3 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PTP4A3 antibody: synthetic peptide directed towards the C terminal of human PTP4A3. Synthetic peptide located within the following region: MKYEDAIQFIRQRRGAINSKQLTYLEKYRPKQRLRFKDPHTHKTRCCVM
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	19 kDa
Gene Name:	protein tyrosine phosphatase type IVA, member 3
Database Link:	<a href="#">NP_116000</a> <a href="#">Entrez Gene 11156 Human</a> <a href="#">O75365</a>



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**Background:**

This gene encodes a member of the protein-tyrosine phosphatase family. Protein tyrosine phosphatases are cell signaling molecules that play regulatory roles in a variety of cellular processes. Studies of this class of protein tyrosine phosphatase in mice demonstrates that they are prenylated in vivo, suggesting their association with cell plasma membrane. The encoded protein may enhance cell proliferation, and overexpression of this gene has been implicated in tumor metastasis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

**Synonyms:**

PRL-3; PRL-R; PRL3

**Note:**

Immunogen Sequence Homology: Rat: 100%; Human: 100%; Mouse: 100%; Pig: 93%; Horse: 93%; Bovine: 93%; Guinea pig: 93%; Dog: 86%; Rabbit: 86%

**Protein Families:**

Druggable Genome, Phosphatase

**Product images:**

WB Suggested Anti-PTP4A3 Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive  
Control: ACHN cell lysate