

## Product datasheet for **TA312568**

### **PYK2 (PTK2B) Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	WB: 1:500~1:3000, IHC: 1:50~1:100, ELISA: 1:20000
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Modifications:</b>	Phospho-specific
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	The antiserum was produced against synthesized phosphopeptide derived from human PYK2 around the phosphorylation site of tyrosine 579 (E-D-YP-Y-K).
<b>Formulation:</b>	Phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Gene Name:</b>	protein tyrosine kinase 2 beta
<b>Database Link:</b>	<a href="#">NP_004094</a> <a href="#">Entrez Gene 19229 Mouse</a> <a href="#">Entrez Gene 50646 Rat</a> <a href="#">Entrez Gene 2185 Human</a> <a href="#">Q14289</a>
<b>Synonyms:</b>	CADTK; CAKB; FADK2; FAK2; PKB; PTK; PYK2; RAFTK
<b>Note:</b>	PYK2 (Phospho-Tyr579) antibody detects endogenous levels of PYK2 only when phosphorylated at tyrosine 579.
<b>Protein Families:</b>	Druggable Genome, Protein Kinase



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**Protein Pathways:** Calcium signaling pathway, Chemokine signaling pathway, GnRH signaling pathway, Leukocyte transendothelial migration, Natural killer cell mediated cytotoxicity