

Product datasheet for **TA348419**

PYK2 (PTK2B) Rabbit Polyclonal Antibody

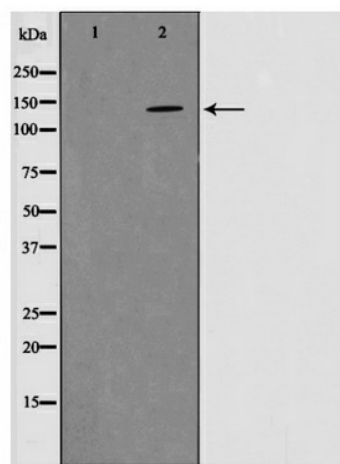
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-Phospho-PYK2(Tyr580) Antibody: A synthesized peptide derived from human PYK2 around the phosphorylation site of Tyrosine 580
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20?. Stable for 12 months from date of receipt
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	135 kDa
Gene Name:	protein tyrosine kinase 2 beta
Database Link:	NP_004094 Entrez Gene 19229 Mouse Entrez Gene 50646 Rat Entrez Gene 2185 Human Q14289
Background:	Pyk2 a nonreceptor tyrosine kinase of the Fak family. Predominantly expressed in the cells derived from hematopoietic lineages and in the central nervous system. Pyk2 is one of the signaling mediators for G-protein-coupled receptors. Involved in calcium induced regulation of ion channel and activation of the map kinase signaling pathway. Interacts with the SH2 domain of Grb2.



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Synonyms:	CADTK; CAKB; FADK2; FAK2; PKB; PTK; PYK2; RAFTK
Note:	Phospho-PYK2(Tyr580) Antibody detects endogenous levels of PYK2 only when phosphorylated at Tyrosine 580
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	Calcium signaling pathway, Chemokine signaling pathway, GnRH signaling pathway, Leukocyte transendothelial migration, Natural killer cell mediated cytotoxicity

Product images:

Western blot analysis on mouse brain cell lysate using Phospho-PYK2 (Tyr580) Antibody