

Anti-Phospho-PYK2 (Tyr402) Rabbit pAb

Purified Rabbit Polyclonal Antibody

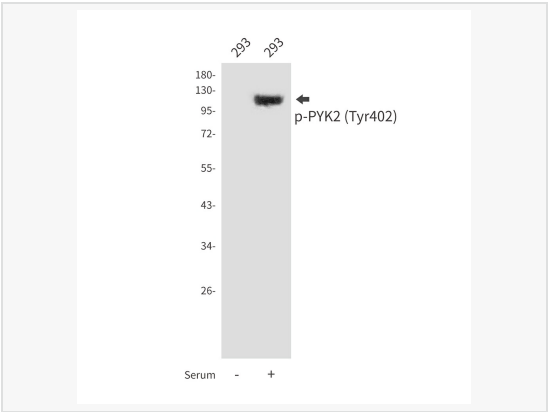
Catalog # P011681

Product Information

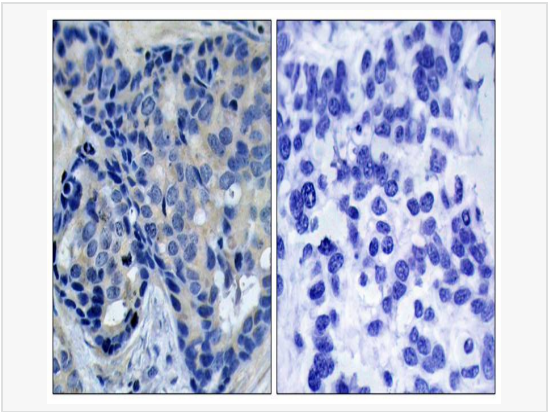
Application	WB, IHC-P/IF (Tissue-P), ICC/IF (Cell), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; ICC 1:100~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Synthetic peptide of human PTK2B
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-PYK2 (Tyr402) antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

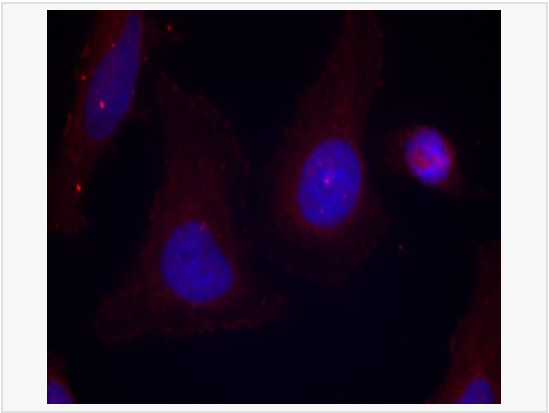
Synonyms	PTK2B, FAK2, PYK2, RAFTK, Protein-tyrosine kinase 2-beta, Calcium-dependent tyrosine kinase, CADTK, Calcium-regulated non-receptor proline-rich tyrosine kinase, Cell adhesion kinase beta, CAK-beta, CAKB, Focal adhesion kinase 2, FADK 2, Pro.
Calculated MW	Calculated MW: 116 kDa; Observed MW: 116 kDa
Uniprot ID	Q14289
Gene ID	2185
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.



Western blot analysis of Phospho-PYK2 (Tyr402) in 293 lysates using Phospho-PYK2 (Tyr402) antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma tissue using Pyk2(Phospho-Tyr402) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Immunofluorescence analysis of Phospho-PYK2 (Tyr402) in Hela cells using Pyk2 (Phospho-Tyr402) antibody (red) .