Anti-Phospho-PYK2 (Tyr402) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P011681

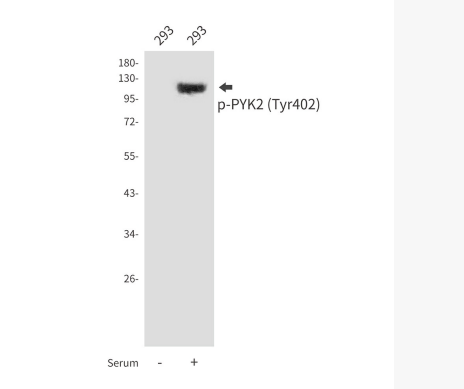
Product Information

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.

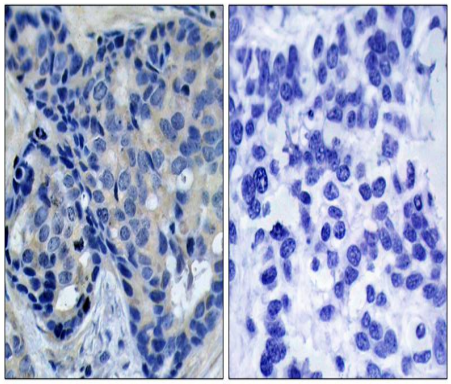
Protein Information

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.

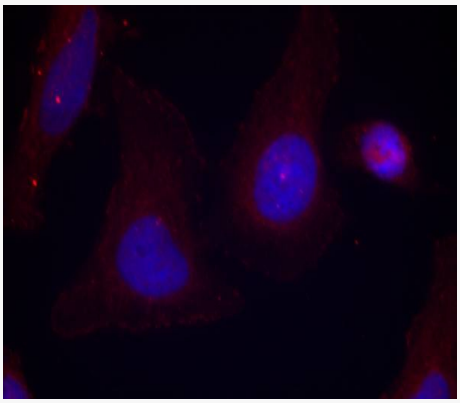
Validation Images



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) .