

## PYK2 (I574) polyclonal antibody

Catalog: BS1420

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Pyk2 is a protein tyrosine kinase related to Focal Adhesion Kinase (p125 FAK). Pyk2 is highly expressed in the central nervous system. It is phosphorylated on tyrosine residues in response to various stimuli that elevate intracellular calcium concentration, as well as by protein kinase C activation.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 115 kDa

### Swiss-Prot:

Q14289

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

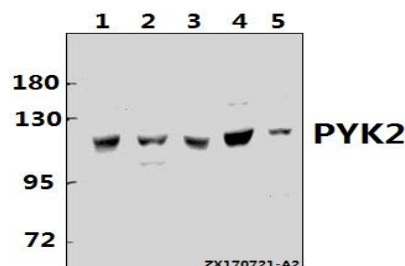
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

PYK2 (I574) polyclonal antibody detects endogenous levels of PYK2 protein.

### DATA:



Western blot (WB) analysis of PYK2 (I574) pAb at 1:500 dilution

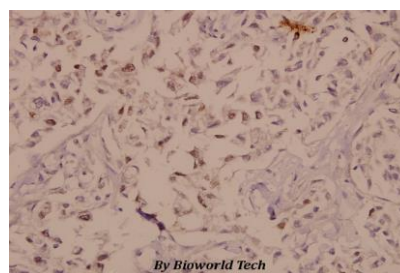
Lane1:K562 whole cell lysate(40ug)

Lane2:A549 whole cell lysate(40ug)

Lane3:Hela whole cell lysate(40ug)

Lane4:The Brain tissue lysate of Mouse (40ug)

Lane5:The Brain tissue lysate of Rat(40ug)



Immunohistochemistry (IHC) analyzes of PYK2 (I574) pAb in paraffin-embedded human breast carcinoma tissue at 1:50.

### Note:

For research use only, not for use in diagnostic procedure.

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