

PYK2 (phospho Tyr402) antibody

Cat. No. GTX24800

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, FCM, IP, IHC
Reactivity	Human, Mouse, Rat, Chicken

Package

50 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	1-2 µg/mL
IHC-P	1:10-1:50
FCM	1:20
IP	Assay dependent
IHC	Assay dependent

Not tested in other applications.

Calculated MW 116 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 0.1% BSA, 50% Glycerol
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	The antiserum was produced against a chemically synthesized phosphopeptide derived from the region of human Pyk2 that contains tyrosine 402. The sequence is conserved in rat.
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated



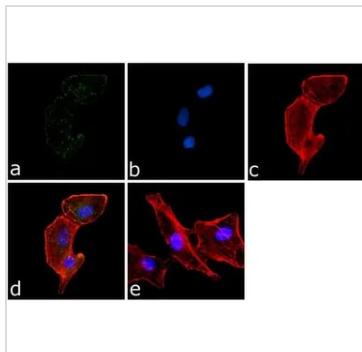
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES**GTX24800 ICC/IF Image**

ICC/IF analysis of A549 cells using GTX24800 PYK2 (phospho Tyr402) antibody. Panel e is a no primary antibody control.

Green : Primary antibody

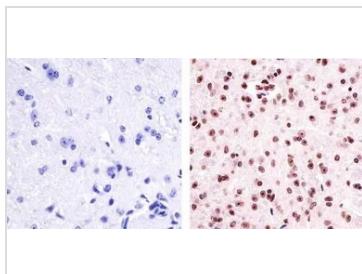
Blue : Nuclei

Red : Actin

Fixation : 4% paraformaldehyde

Permeabilization : 0.25% Triton X-100 for 10 minutes

Dilution : 1:250 dilution in 1% BSA incubated for 3 hours at room temperature

**GTX24800 IHC-P Image**

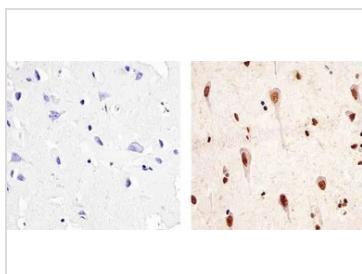
IHC-P analysis of mouse brain tissue using GTX24800 PYK2 (phospho Tyr402) antibody.

Right : Primary antibody

Left : Negative control without primary antibody

Antigen retrieval : 10mM sodium citrate (pH 6.0), microwaved for 8-15 min

Dilution : 1:20

**GTX24800 IHC-P Image**

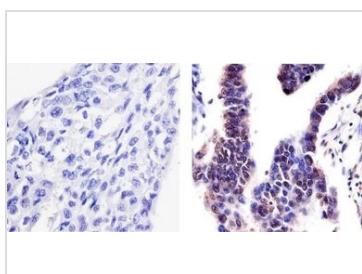
IHC-P analysis of human brain tissue using GTX24800 PYK2 (phospho Tyr402) antibody.

Right : Primary antibody

Left : Negative control without primary antibody

Antigen retrieval : 10mM sodium citrate (pH 6.0), microwaved for 8-15 min

Dilution : 1:20

**GTX24800 IHC-P Image**

IHC-P analysis of human lung adenocarcinoma tissue using GTX24800 PYK2 (phospho Tyr402) antibody.

Right : Primary antibody

Left : Negative control without primary antibody

Antigen retrieval : 10mM sodium citrate (pH 6.0), microwaved for 8-15 min

Dilution : 1:20



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