

PYK2 (phospho Tyr579/Tyr580) antibody

Cat. No. GTX24807

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

Package

50 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	1:250
IHC-P	1:10-1:100
FCM	1:250
IP	Assay dependent

Not tested in other applications.

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

Product Note Some cross-reactivity still may be experienced in cases where Focal Adhesion Kinase is overexpressed relative to PYK 2 within the same cell system.

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 tyrosines 579 and 580. The sequence is conserved in mouse and rat.
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

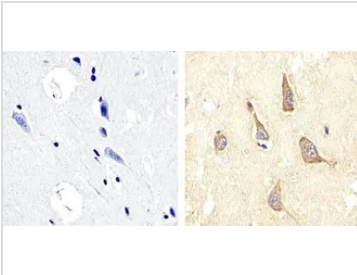


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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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

GTX24807 IHC-P Image

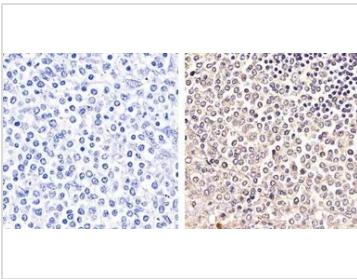
IHC-P analysis of human brain tissue using GTX24807 PYK2 (phospho Tyr579/Tyr580) antibody.

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


GTX24807 IHC-P Image

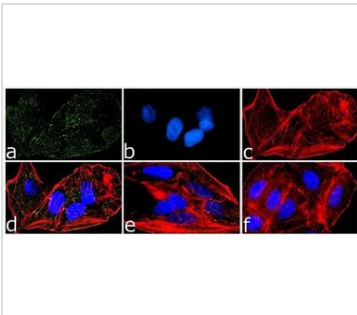
IHC-P analysis of human spleen tissue using GTX24807 PYK2 (phospho Tyr579/Tyr580) antibody.

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


GTX24807 ICC/IF Image

ICC/IF analysis of A549 cells treated with 50ng of PDGF for 10 minutes using GTX24807 PYK2 (phospho Tyr579/Tyr580) antibody. Panel e is untreated cell with no signal. Panel f is a no primary antibody control.

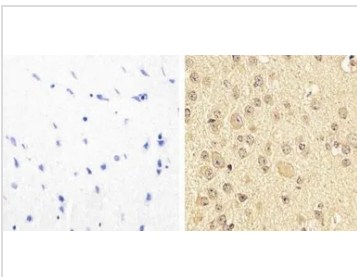
Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : 4% paraformaldehyde

Permeabilization : 0.1% Triton X-100 for 10 minutes


GTX24807 IHC-P Image

IHC-P analysis of mouse brain tissue using GTX24807 PYK2 (phospho Tyr579/Tyr580) 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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