

## PYK2 (phospho Tyr579) antibody

## Cat. No. GTX24805

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P, IP
Reactivity	Human, Mouse, Rat, Marsupials

Package  
50 µl

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
IHC-P	1:10-1:50
IP	Assay dependent

Not tested in other applications.

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

## Properties

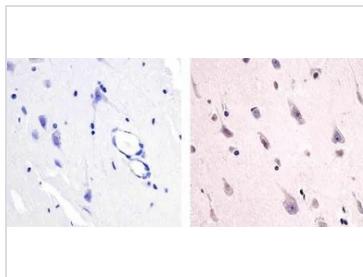
Form	Liquid
Buffer	PBS, 0.1% BSA, 50% Glycerol
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
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 579. The sequence is conserved in mouse and rat.
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
	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.



For full product information, images and publications, please visit our [website](#).

Date 2026 / 01 / 07 Page 1 of 2

## DATA IMAGES



## GTx24805 IHC-P Image

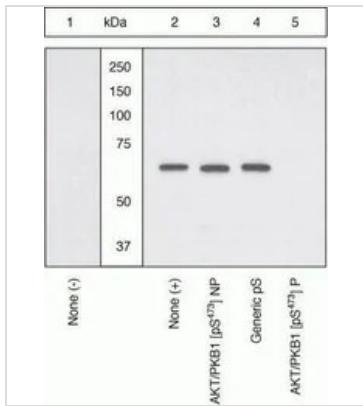
IHC-P analysis of human brain tissue using GTx24805 PYK2 (phospho Tyr579) antibody.

Right : Primary antibody

Left : Negative control without primary antibody

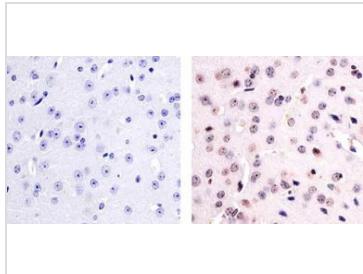
Antigen retrieval : 10mM sodium citrate (pH 6.0), microwaved for 8-15 min

Dilution : 1:20



## GTx24805 WB Image

WB (peptide competition) analysis of primary chicken embryo fibroblasts expressing Pyk2 plated on fibronectin using GTx24805 PYK2 (phospho Tyr579) antibody prior incubated with the non-phosphopeptide corresponding to the phosphopeptide immunogen (Lane 3), a generic phosphotyrosine-containing peptide (Lane 4), or the phosphopeptide immunogen (Lane 5). The data show that only the immunogen phosphopeptide blocks the signal, demonstrating the specificity of the antibody.



## GTx24805 IHC-P Image

IHC-P analysis of human brain tissue using GTx24805 PYK2 (phospho Tyr579) 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



For full product information, images and publications, please visit our [website](#).

Date 2026 / 01 / 07 Page 2 of 2