# Paxillin (phospho Tyr31) antibody

## Cat. No. GTX24832

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

References ( 1 )
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 |
| IP | Assay dependent |
| IHC | Assay dependent |

Not tested in other applications.

| | |
|---|---|
| **Calculated MW** | 65 kDa. ( Note ) |

## Properties

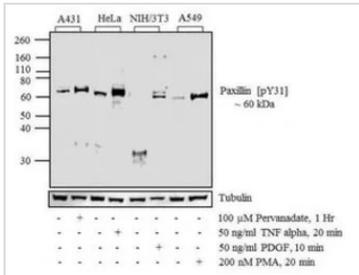| | |
|---|---|
| **Form** | Liquid |
| **Buffer** | PBS, 0.1% BSA, 50% Glycerol |
| **Preservative** | 0.05% Sodium azide |
| **Storage** | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC 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 paxillin that contains tyrosine 31. |
| **Purification** | Purified by antigen-affinity chromatography |
| **Conjugation** | Unconjugated |

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## Note

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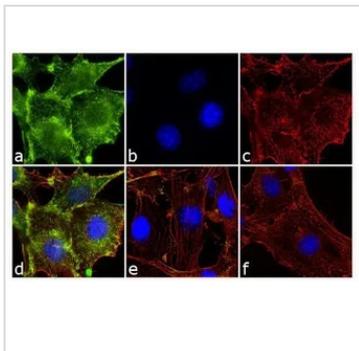
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## DATA IMAGES



### GTX24832 WB Image

WB analysis of whole cell extracts (20 µg lysate) of A431 (Lane 1) treated for 1 hr with 100 uM of Pervanadate (Lane 2), HeLa (Lane 3) treated for 20 minutes with 50 ng/ml of TNF alpha (lane 4), NIH/3T3 (Lane 5) treated for 10 minutes with 50 ng/ml of PDGF (Lane 6), A549 (Lane 7) treated for 20 minutes with 200 nM of PMA (Lane 8) using GTX24832 Paxillin (phospho Tyr31) antibody.
Dilution : 1:500-1:2000



### GTX24832 ICC/IF Image

ICC/IF analysis of 50ng PDGF treated (10 mins) NIH/3T3 cells using GTX24832 Paxillin (phospho Tyr31) antibody. Panel e is untreated cell with no signal. Panel f represents control cells with no primary antibody to assess background.
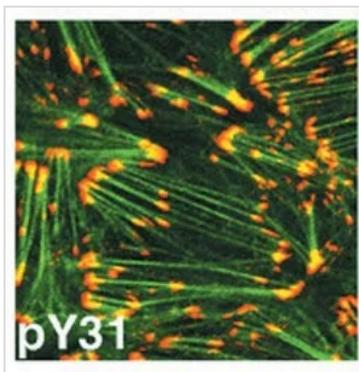Green : Primary antibody
Blue : Nuclei
Red : Actin
Fixation : 4% paraformaldehyde
Permeabilization : 0.1% Triton X-100 for 10 minutes



### GTX24832 ICC/IF Image

ICC/IF analysis of TGF-beta treated NMuMG cells using GTX24832 Paxillin (phospho Tyr31) antibody.
Green : Actin
Orange: paxillin (pY31)
Yellow: co-localization

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