

PRX IV antibody

Cat. No. GTX15574

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC
Reactivity	Human

References (1)

Package

50 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	1:250
IHC	Assay dependent

Not tested in other applications.

Calculated MW 31 kDa. ([Note](#))

Product Note This antibody is specific for Prx 4 and shows no cross-reactivity with other Prx isoforms.

Properties

Form	Liquid
Buffer	Serum
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.
Immunogen	Purified human recombinant Peroxiredoxin 4.
Purification	Unpurified
Conjugation	Unconjugated

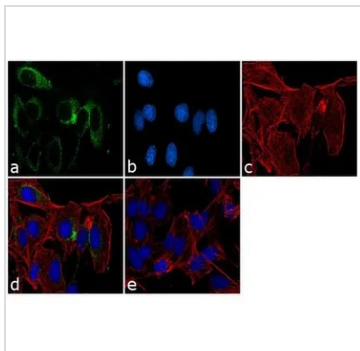
Note

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

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DATA IMAGES

GTXT15574 ICC/IF Image

ICC/IF analysis of LNCaP cells using GTXT15574 PRX IV antibody. Panel e shows the no primary antibody control.

Green : Primary antibody

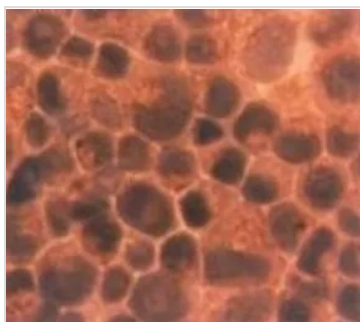
Blue : Nuclei

Red : Actin

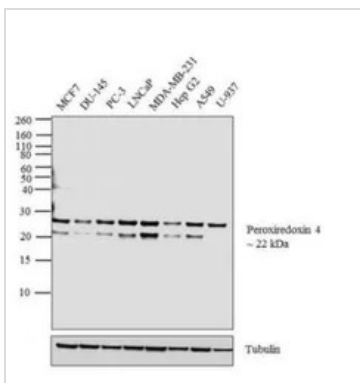
Fixation : 4% paraformaldehyde

Permeabilization : 0.1% Triton X-100 for 10 minutes

Dilution : 1:250 dilution in 0.1% BSA and incubated for 3 hours at room temperature


GTXT15574 ICC/IF Image

ICC/IF analysis of TSU-Pr1 cells using GTXT15574 PRX IV antibody.


GTXT15574 WB Image

WB analysis of membrane enriched extracts (30 µg lysate) of MCF7 (Lane 1), DU-145 (Lane 2), PC-3 (Lane 3), LNCaP (Lane 4), MDA-MB-231 (Lane 5), Hep G2 (Lane 6), A549 (Lane 7) and U-937 (Lane 8) using GTXT15574 PRX IV antibody.

Dilution : 1:5000



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