

PGP9.5 antibody

Cat. No. GTX109637

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

References (23)

★★★★★ Review (1)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:20000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	1:100-1:1000

Not tested in other applications.

Calculated MW 25 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
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	0.29 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human PGP9.5. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

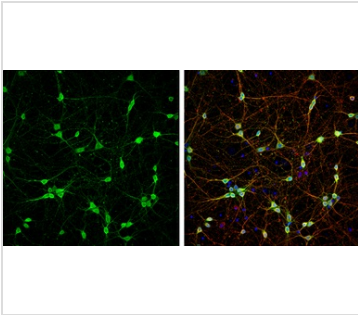


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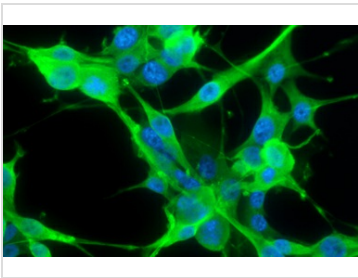
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DATA IMAGES



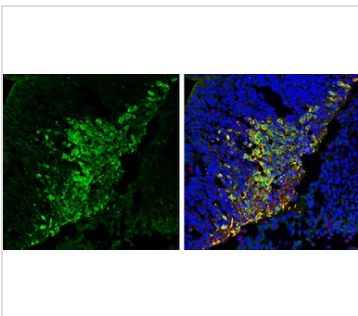
GTX109637 ICC/IF Image

PGP9.5 antibody detects PGP9.5 protein at cytoplasm by immunofluorescent analysis.
Sample: DIV9 rat E18 primary cortical neurons were fixed in 4% paraformaldehyde at RT for 15 min.
Green: PGP9.5 protein stained by PGP9.5 antibody (GTX109637) diluted at 1:500.
Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (GTX631836) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTX30920).



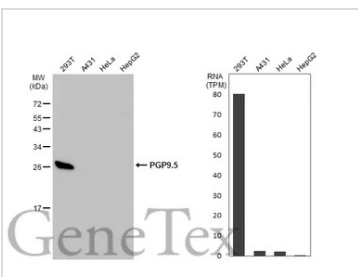
GTX109637 ICC/IF Image

PGP9.5 antibody detects PGP9.5 protein at cytoplasm by immunofluorescent analysis.
Sample: U87-MG cells were fixed in 4% paraformaldehyde at RT for 15 min.
Green: PGP9.5 stained by PGP9.5 antibody (GTX109637) diluted at 1:200.
Blue: Fluoroshield with DAPI (GTX30920).



GTX109637 IHC-Fr Image

PGP9.5 antibody detects PGP9.5 protein expression by immunohistochemical analysis.
Sample: Frozen sectioned E13.5 Rat brain.
Green: PGP9.5 protein stained by PGP9.5 antibody (GTX109637) diluted at 1:250.
Red: beta Tubulin 3/ TUJ1, a mature neuron marker, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] (GTX631836) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTX30920).



GTX109637 WB Image

Various whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with PGP9.5 antibody (GTX109637) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



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