NEUROMICS

PGP9.5$^{175\text{-}191}$ Datasheet

Catalog Number:	GP14104	**Host:**	Guinea pig
Product Type:	Polyclonal antiserum	**Species Reactivity:**	Rat, mouse, human
Immunogen Sequence:	GASSEDTLLKDAAKVCR Corresponding to residues 175-191 of soluble cytoplasmic protein human PGP9.5	**Format:**	Whole Serum (with 0.02% sodium azide) Sent in liquid form

Applications: Immunohistochemistry 1:200-1:800
Dilutions listed only as a recommendation. Optimal dilution should be determined by investigator.

Storage: Store frozen. Aliquot as undiluted antisera and immediately place at -20ºC. Antisera may have become trapped in top of vial during shipping. Centrifugation of vial is recommended before opening. Stable for at least 6 months at -20ºC. Repeated freeze/thaw cycles compromise the integrity of the antiserum.

References:

Ichiki, Takako, Kuroishi, Kayoko N., Gunjigake, Kaori K., Kobayashi, Shigeru, Goto, Tetsuya. Neurokinin B activates the formation and bone resorption activity of rat osteoclasts.

Neuropeptides, In Press, Corrected Proof,Apr 2011 doi:10.1016/j.npep.2011.03.006.

M Ikeuchi, MD, PhD, SJ Kolker, LA Burnes, RY Walder, PhD, and KA Sluka, PT, PhD. Role of ASIC3 in the primary and secondary hyperalgesia produced by joint inflammation in mice. Published online 2008 March 14. doi: 10.1016/j.pain.2008.01.020.

K. Czaja, G.A. Burns, and R.C. Ritter. Capsaicin-induced neuronal death and proliferation of the primary sensory neurons located in the nodose ganglia of adult rats. Neuroscience. 2008 June 23; 154(2): 621–630.

Application Notes

Immunohistochemistry: Antiserum was used on perfusion fixed tissue. Perfusion: 1) calcium-free Tyrode's solution, 2) paraformaldehyde-picric acid fixative, and 3) 10% sucrose in PBS as a cryo-protectant. Desired tissues were dissected and stored overnight in 10% sucrose in PBS. Slide-mounted tissue sections were processed for indirect immunofluorescence. Slides were incubated with blocking buffer for 1 hour at room temperature. Primary antiserum was diluted with blocking buffer to the appropriate working concentration. Blocking buffer was removed and slides were incubated for 18-24 hours at 4ºC with primary antiserum. Slides were rinsed 3 times and then incubated with secondary antibodies for 1 hour at room temperature. Slides were again rinsed 3 times and coverslipped. Staining was examined using fluorescence microscopy. *Note*: Sodium azide (NaN) interferes with peroxidase reactions and should not be used with peroxidase methodologies. If sodium azide is present in any steps of the staining procedure, the tissue should thoroughly be rinsed with sodium azide-free buffer before performing the peroxidase reaction.

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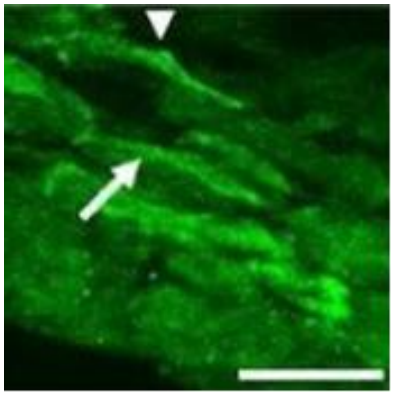
Image: PGP9.5 175-191staining of the synovium from ASIC3 +/+ mice with joint inflammation. Bar = 25 µm. doi: 10.1016/j.pain.2008.01.020.



PGP 9.5/UCHL1 Antibodies

Name	Catalog #	Type	Species	Applications	Size	Price
PGP9.5	MO20002	Mouse IgG	H; M; R	IHC; WB	100 ul	$395
PGP9.5 (Clone: 31A3)	MO25010	Mouse IgG	H; M; R	IHC; WB; E	100 ul	$475
PGP9.5	RA12103	Rabbit IgG	H; M; P; R	IHC; WB	50 ul 150 ul	$145 $348
PGP9.5 175-191	GP14104	Guinea Pig IgG	H; M; R	IHC	50 ul 150 ul 20 ug Blocking Peptide	$175 $395 $95
UCHL1	MO25040	Mouse IgG	B; H; R	IF; WB	500 ul	$285
UCHL1	MO22109	Mouse IgG	B; H; R	IF; WB	100 ul	$275

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