

NEUROMICS

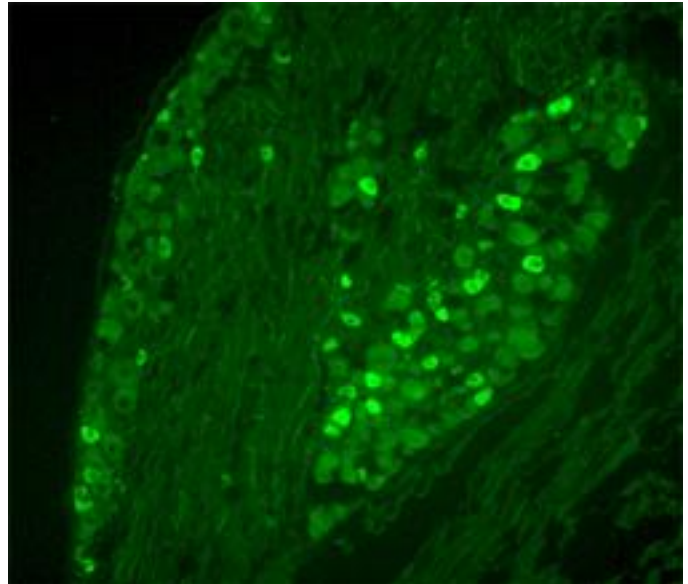


TRPV1 (VR1-C)-Mouse Specific Data Sheet

Catalog Number:	RA14113	Host:	Rabbit
Product Type:	Polyclonal antiserum	Species Reactivity:	Mouse Other species not tested
Immunogen Sequence:	(C)EDAEVFKDSMAPGEK Cys added for conjugation to KLH. Peptide corresponds to absolute c-terminus of mouse TRPV1 sequence	Format:	Whole Serum Liquid
Applications:	Immunohistochemistry 1:1000 Western Blot: see doi:10.1167/iovs.08-2321		
Storage:	Dilutions listed as a recommendation. Optimal dilution should be determined by investigator. Store frozen. Aliquot as undiluted antisera and immediately place at -20°C. 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 -20°C. Repeated freeze/thaw cycles compromise the integrity of the antiserum.		
References:	.		

Application Notes

Image of VR1 immunoreactivity in mouse dorsal root ganglion. Animals were perfusion fixed with 2% paraformaldehyde. Image courtesy of Dr. Zunyi Wang, University of Wisconsin, Madison.



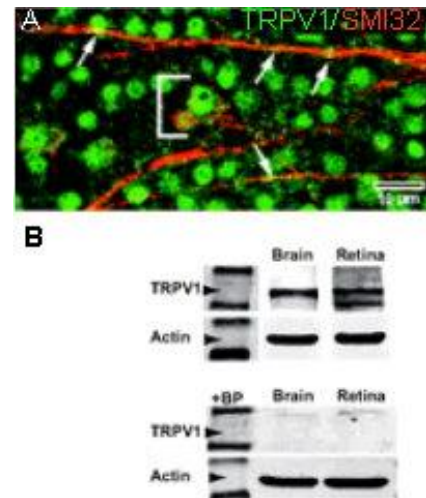
FOR RESEARCH USE ONLY

NEUROMICS REAGENTS ARE FOR IN VITRO AND CERTAIN NON-HUMAN IN VIVO EXPERIMENTAL USE ONLY AND NOT INTENDED FOR USE IN ANY HUMAN CLINICAL INVESTIGATION, DIAGNOSIS, PROGNOSIS, OR TREATMENT. THE ABOVE ANALYSES ARE MERELY TYPICAL GUIDES. THEY ARE NOT TO BE CONSTRUED AS BEING SPECIFICATIONS. ALL OF THE ABOVE INFORMATION IS, TO THE BEST OF OUR KNOWLEDGE, TRUE AND ACCURATE. HOWEVER, SINCE THE CONDITIONS OF USE ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS OR SUGGESTIONS ARE MADE WITHOUT GUARANTEE, EXPRESS OR IMPLIED, ON OUR PART. WE DISCLAIM ALL LIABILITY IN CONNECTION WITH THE USE OF THE INFORMATION CONTAINED HEREIN OR OTHERWISE, AND ALL SUCH RISKS ARE ASSUMED BY THE USER. WE FURTHER EXPRESSLY DISCLAIM ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE-V2-04/212

www.neuromics.com

Neuromics • 5325 West 74th Street, Suite 8 • Edina, MN 55439
phone 866-350-1500 • fax 612-677-3976 • e-mail pshuster@neuromics.com

Images: A Confocal image stack through GCL and NFL of peripheral retina shows TRPV1 in retinal ganglion cell (RGC) bodies (bracket) and in small bundles of RGC axons (arrows). G top: Western blot against TRPV1 in brain and whole retina from adult rat shows band at expected molecular weight (arrowheads; 100–113 kDa). Retina demonstrates an additional band with a slightly lower molecular weight that probably corresponds to a different glycosylation state for this antibody. bottom: Control Western blot with preabsorption of TRPV1 antibody using the blocking peptide prevents detection of both bands. ONL, outer nuclear layer; OPL, outer plexiform layer; INL, inner nuclear layer; IPL, inner plexiform layer; GCL, ganglion cell layer; NFL, nerve fiber layer. doi:10.1167/iovs.08-2321 on October 24, 2008 (*Investigative Ophthalmology and Visual Science*. 2009;50:717-728).



TRPV (Vanilloid); TRPM; TRPA and TRPCs

Name	Catalog #	Type	Species	Applications	Size	Price
TRPA1	RA25013	Rabbit IgG	H	WB	100 ul	\$285
TRPA1	RA14135	Rabbit IgG	R	IHC	100 ul	\$275
TRPM2	RA25034	Rabbit IgG	M; R	IHC; WB	100 ul	\$265
TRPM6 (Chak2)	GP14108	Guinea Pig IgG	M; R	IHC	100 ul	\$295
TRPM8 (Trp-p8)	RA19043	Rabbit IgG	H	WB	100 ul	\$250
VR1 (TRPV1)	GT15129	Goat IgG	M; R	IHC; WB	100 ug	\$365
VR1 C-Terminus (TRPV1) - mouse specific	RA14113	Rabbit IgG	M	IHC; WB	50 ul 100 ul 100 ug Blocking Peptide	\$225 \$395 \$95
VR1 C-terminus (TRPV1)	GP14100	Guinea Pig IgG	H; R	IHC	50 ul 150 ul 100 ug Blocking Peptide	\$215 \$475 \$95
VR1 N-Terminus (TRPV1)	RA10110	Rabbit IgG	R	ICC; IHC; WB; IP	50 ul 150 ul 100 ug Blocking Peptide	\$215 \$456 \$95
VR like-3 (TRPV3)	GT15180	Sheep IgG	H; M; R	IHC	100 ug	\$365

FOR RESEARCH USE ONLY

NEUROMICS REAGENTS ARE FOR IN VITRO AND CERTAIN NON-HUMAN IN VIVO EXPERIMENTAL USE ONLY AND NOT INTENDED FOR USE IN ANY HUMAN CLINICAL INVESTIGATION, DIAGNOSIS, PROGNOSIS, OR TREATMENT. THE ABOVE ANALYSES ARE MERELY TYPICAL GUIDES. THEY ARE NOT TO BE CONSTRUED AS BEING SPECIFICATIONS. ALL OF THE ABOVE INFORMATION IS, TO THE BEST OF OUR KNOWLEDGE, TRUE AND ACCURATE. HOWEVER, SINCE THE CONDITIONS OF USE ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS OR SUGGESTIONS ARE MADE WITHOUT GUARANTEE, EXPRESS OR IMPLIED, ON OUR PART. WE DISCLAIM ALL LIABILITY IN CONNECTION WITH THE USE OF THE INFORMATION CONTAINED HEREIN OR OTHERWISE, AND ALL SUCH RISKS ARE ASSUMED BY THE USER. WE FURTHER EXPRESSLY DISCLAIM ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE-V2-04/212

www.neuromics.com

Neuromics • 5325 West 74th Street, Suite 8 • Edina, MN 55439
phone 866-350-1500 • fax 612-677-3976 • e-mail pshuster@neuromics.com