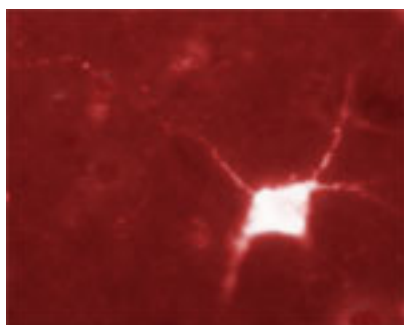


Rabbit antibody to VRL-1 (744-761): whole serum

Catalogue No.:	R-079-100
Description:	TISSUE SPECIFICITY: Ubiquitously expressed. Expressed in dorsal root ganglia, trigeminal ganglia, spinal chord (Lissauer's tract, dorsal horn and dorsal columns) (at protein level). PTM: N-glycosylated. PTM: Phosphorylated by PKA. SIMILARITY: Belongs to the transient receptor family. TrpV subfamily. SIMILARITY: Contains 3 ANK repeats.
Batch No.:	See product label
Unit size:	100 uL
Antigen:	A synthetic peptide (C-KNSASEEDHLPLQLVQSP) of rat VRL-1 protein (aa: 744-761) conjugated to KLH has been used as the immunogen.
Other Names:	osm-9-like TRP channel 2; OTRPC2
Accession:	VRI_RAT
Produced in:	Rabbit
Purity:	Whole serum
Applications:	IHC, Immunofluorescence, Western blot. Recommended to be used at a dilution of 1: 1000 to 1: 2000 for immunohistochemistry and Western blot, for Immunofluorescence at a dilution of 1:50 to 1: 200 in free-floating sections or paraffin embedded sections. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	Immunohistochemical analysis in rat dorsal root ganglia and spinal cord indicates a high level of specificity for this antiserum. Specificity was also shown by Western blot.
Cross-reactivity:	This antibody is known to react with rat and human VRL-1.
Form:	Lyophilised
Reconstitution:	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
Storage:	After reconstitution keep aliquots at -20C for a higher stability, and at 2-8C with an appropriate antibacterial agent.
Expiry Date:	12 months after purchase
References:	1. Caterina, et al., Nature 398, 436-41 (Apr 1, 1999). 2. Jahnel, et al., Eur J Biochem 270, 4264-71 (Nov, 2003). 3. Montell, et al., Mol Cell 9, 229-31 (Feb, 2002).



Immunofluorescence staining of human brain (midfrontal cortex, Alzheimer case) fixed in Zamboni. Dilution used: 1:50 (catalogue # R-079-100), free-floating sections, 40X magnification.

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