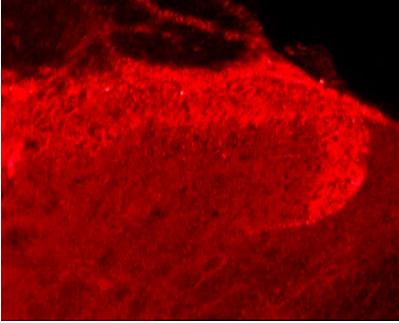


Rabbit antibody to human capsaicin receptor (531-541): whole serum

Catalogue No.:	R-053-100
Description:	TISSUE SPECIFICITY: Predominantly expressed in trigeminal and dorsal root sensory ganglia. Isoform 1 and isoform 3 are also expressed in brain and peripheral blood mononuclear cells.
Batch No.:	See product label
Unit size:	100 uL
Antigen:	A synthetic peptide (YFSHLKEYVAS) of human capsaicin receptor protein (aa: 531-541) conjugated to KLH has been used as the immunogen.
Other Names:	Transient receptor potential cation channel subfamily V member 1; TrpV1; Capsaicin receptor; Osm-9-like TRP channel 1; OTRPC1; Vanilloid receptor 1; TRPV1; VR1; VR-1;
Accession:	Capsaicin_HUMAN
Produced in:	Rabbit
Purity:	Whole serum
Applications:	IHC. Use at 1:1000 to 1:2000 dilution. This antibody has not been tested in other applications. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	Immunohistochemical analysis of rat DRG indicates a superb degree of specificity for this serum.
Cross-reactivity:	This antibody is known to react with rat Capsaicin and due to sequence homology is expected to react with mouse Capsaicin . Other species have not yet been tested.
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
Specific References:	1. Rehman R et al (2013) TRPV1 inhibition attenuates IL-13 mediated asthma features in mice by reducing airway epithelial injury. Int Immunopharmacol. 2013 Mar;15(3):597-605.
References:	1. Caterina et al. Nature 398: 436(1999). 2. Tominaga et al. Neuron. 21: 531-543(1998). 3. Nagy, I. et al. Eur J Pharmacol 500:351-369(2004).

FOR RESEARCH USE ONLY

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Immunohistochemical staining of rat spinal cord using rabbit antibody to human capsaicin receptor, catalog number R-053-100.

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