

Anti-Vanilloid receptor-like protein 1 (VRL-1) Antibody

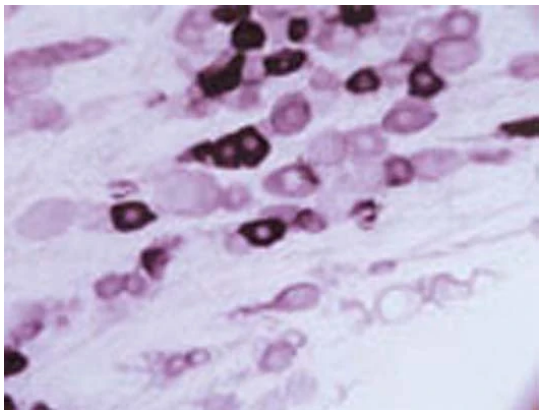


Product Details

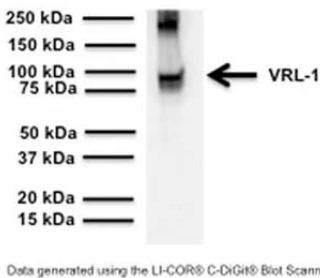
Available Variants	50 µg (SKU:R-078-50)
Conjugate	Unconjugated
Isotype	IgG
Host Species	Rabbit
Format	Affinity-purified
Physical State	Lyophilized
Buffer	Lyophilized from PBS, pH 7.4, containing 0.02% sodium azide as preservative.
Applications	IHC, WB
Dilution Ranges	WB: 0.5-1 µg/mL IHC: 0.5-1 µg/mL ICC: 0.5-1 µg/mL
Species Reactivity	Human, Rat
Immunogen	A synthetic peptide (C-KNSASEEDHLPLQLQSP) as part of rat VRL-1 protein (aa: 744-761) conjugated to KLH has been used as the immunogen.
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. This antibody is known to react with rat and human VRL-1.
Storage	Spin vial briefly before opening. Reconstitute in 50 µL sterile-filtered, ultrapure water. Centrifuge to remove any insoluble material. After reconstitution keep aliquots at -20°C for a higher stability, and at 2-8°C with an appropriate antibacterial agent.
UniProt ID	Q9WUD2
Country of Origin	United States

Shipping	25°C (ambient)
Expiration	12 months after date of receipt (unopened vial).
Usage Statement	For research use only.

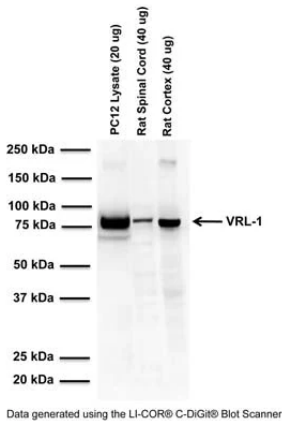
Product Images



Immunohistochemical staining of Vanilloid Receptor Like Protein (VRL-1) in rat trigeminal ganglion using rabbit polyclonal antibody to rat VRL-1, catalogue number R-078-50.



Western blot of VRL-1 in PC12 cell lysate (RIPA, 80 µg/lane). R-078-50 detects glycosylated VRL-1 monomer at around 90-95 kDa. VRL-1 dimer is also detected by this antibody in this cell lysate preparation. SDS-PAGE: denatured and non- reduced; Transfer: Tris-Glycine buffer; Membrane: nitrocellulose (0.45 µm); Blocking: 5% skim milk in TBST, 2 hours at RT; Primary antibody: overnight at 4°C (2 µg/mL); Secondary antibody: anti-rabbit-HRP (1/6000), 1 hour at RT; Detection: Chemiluminiscence



Western blot analysis of VRL-1 expression in rat cell lysate and tissue homogenates (RIPA extracts). One prominent band at ~90 kDa is observed corresponding to the expected molecular weight of VRL-1 protein. SDS-PAGE: denatured and reduced; Transfer: Towbin's buffer (20% MeOH, no SDS); Membrane: PVDF (0.45 µm); Blocking: 5% skim milk in TBST, 1 hour at RT; Primary antibody: overnight at 2-8°C (1 µg/mL); Secondary antibody: anti-rabbit-HRP (1/10,000), 1 hours at RT; Detection: Chemiluminiscence.

Product Page URL: www.antibodiesinc.com/products/anti-vanilloid-receptor-like-protein-1-vrl-1-antibody-r-078-50



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