VRL1 antibody

Cat. No. GTX16610

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-Fr, IP
Reactivity	Mouse, Rat

Package
50 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
IHC-Fr	Assay dependent
IP	Assay dependent

Not tested in other applications.

Calculated MW 87 kDa. (Note)

Properties

Form	Liquid
Buffer	PBS, 1% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	0.65 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide (C)KKNPTSKPGKNSASEE, corresponding to amino acid residues 735-750 (Intracellular, C-terminus) of rat TRPV2 (Accession : Q9WUD2).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

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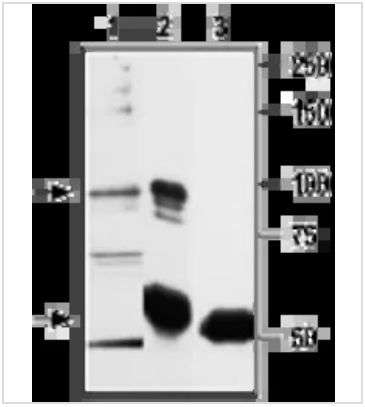
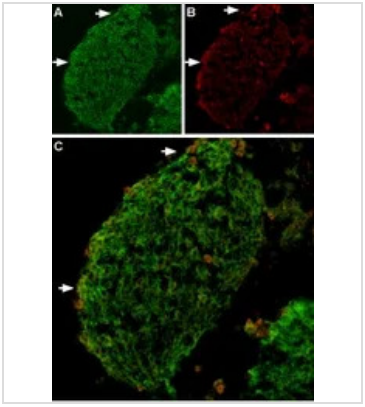
DATA IMAGES



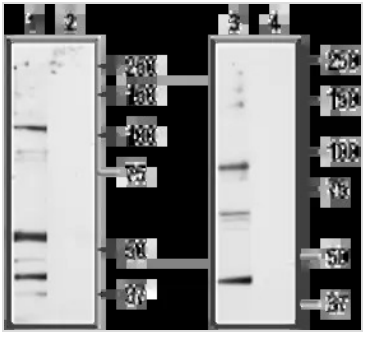
GTX16610 IP Image

IP analysis of RBL cell lysate using GTX16610 VRL1 antibody. The upper arrow indicates TRPV2 while the lower arrow indicates the IgG heavy chain. WB was performed with the GTX16610 antibody.
IP reaction : 7.5 µg
Lane 1 : RBL lysate
Lane 2 : Lysate immunoprecipitated with Anti-TRPV2 Antibody
Lane 3 : Lysate immunoprecipitated with pre-immune rabbit serum



GTX16610 IHC-Fr Image

IHC-Fr analysis of mouse DRG tissue using GTX16610 VRL1 antibody.
Panel A : TRPV2 (green) appears in patches along the perimeter of the DRG (arrows).
Panel B : Neurons containing neurofilament 200 (red) are scattered in the DRG, also in patches (arrows).
Panel C : Merge of the two panels shows that the spatial distribution of neurofilament 200 and TRPV2 expression overlaps. However, DRGs showing robust expression of neurofilament 200 do not contain TRPV2.



GTX16610 WB Image

WB analysis of rat brain membrane (lanes 1 and 2) and RBL (lanes 3 and 4) lysates using GTX16610 VRL1 antibody preincubated with or without immunogen peptide.
Dilution : 1:200

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