

## VRL1 antibody [HL1543]

Cat. No. GTX637018

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat

Package  
100 µl, 25 µl

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Observed MW (kDa)	86-100 kDa.
Product Note	This antibody was raised against human VRL1 Intracellular domain.

## Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the Intracellular domain of human VRL1. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

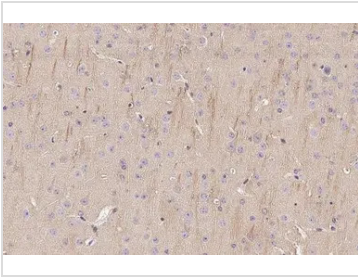


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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

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.

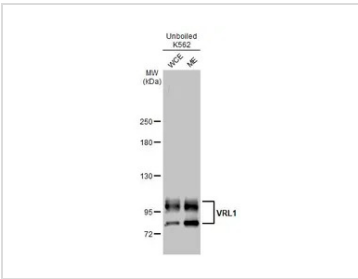
**DATA IMAGES**

**GTX637018 IHC-P Image**

VRL1 antibody [HL1543] detects VRL1 protein by immunohistochemical analysis.

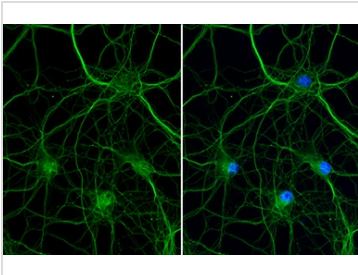
Sample: Paraffin-embedded mouse brain.

VRL1 stained by VRL1 antibody [HL1543] (GTX637018) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTX637018 WB Image**

Unboiled K562 whole cell and membrane extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with VRL1 antibody [HL1543] (GTX637018) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced. (WCE: whole cell extract; ME: membrane extract)

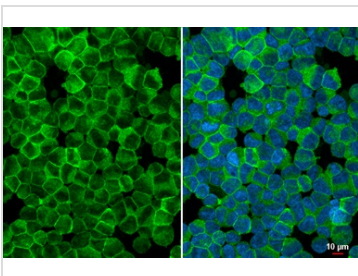

**GTX637018 ICC/IF Image**

VRL1 antibody [HL1543] detects VRL1 protein at fiber by immunofluorescent analysis.

Sample: DIV9 rat E18 primary hippocampal neuron cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: VRL1 stained by VRL1 antibody [HL1543] (GTX637018) diluted at 1:250.

Blue: Fluoroshield with DAPI (GTX30920).


**GTX637018 ICC/IF Image**

VRL1 antibody [HL1543] detects VRL1 protein at cell membrane and cytoplasm by immunofluorescent analysis.

Sample: K562 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: VRL1 stained by VRL1 antibody [HL1543] (GTX637018) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



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