

# Product Datasheet

## VRL1 Antibody - BSA Free NBP1-32096

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP1-32096**

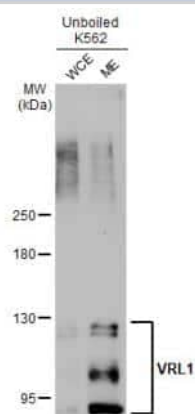
VRL1 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol
Target Molecular Weight	86 kDa
Product Description	
Description	Novus Biologicals Rabbit VRL1 Antibody - BSA Free (NBP1-32096) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-VRL1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	51393
Gene Symbol	TRPV2
Species	Human, Mouse
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human VRL1. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence Validated from a verified customer review., Immunohistochemistry-Paraffin 1:100-1:1000



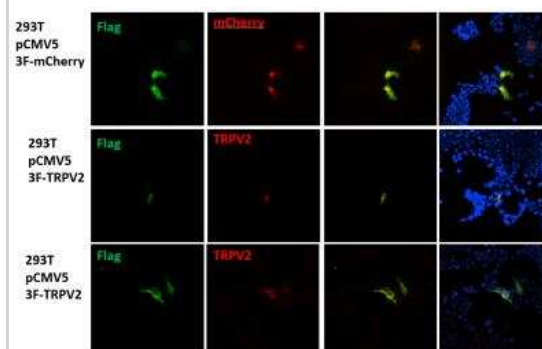
## Images

**Western Blot:** VRL1 Antibody [NBP1-32096] - Unboiled K562 whole cell and membrane extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with VRL1 antibody [C2C3], C-term diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody. (WCE: whole cell extract; ME: membrane extract)

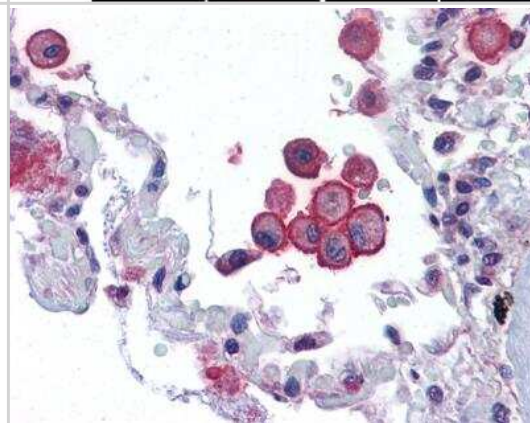


**Immunocytochemistry/Immunofluorescence:** VRL1 Antibody [NBP1-32096] - 293T cells transfected with vector, pCMV5 3xFlag-mCherry, as positive control. mCherry was co-localized with Flag. 293T cells transfected with vector, pCMV5 3xFlag-TRPV2, as experimental group. TRPV2 was co-localized with Flag at cell membrane. ICC Flag: green TRPV2: red Nucleus: blue mCherry: red fluorescent protein. Image submitted by a verified customer review.

### TRPV2 antibody validation -NBP1-32096



**Immunohistochemistry-Paraffin:** VRL1 Antibody [NBP1-32096] - Analysis of paraffin-embedded human lung, using VRL1 antibody(10 ug/ml).



## Publications

Liu G, Liu Y, Niu B et al. Genetic mutation of TRPV2 induces anxiety by decreasing GABA-B R2 expression in hippocampus Biochemical and Biophysical Research Communications 2022-09-01 [PMID: 35785569] (WB, Mouse)

Lo CY, Tjong YW, Ho JC et al. An upregulation in the expression of vanilloid transient potential channels 2 enhances hypotonicity-induced cytosolic  $Ca^{2+}$  rise in human induced pluripotent stem cell model of hutchinson gillford progeria. PLoS ONE 2014-01-29 [PMID: 24475260] (WB, Human)



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### **Products Related to NBP1-32096**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-92576PEP	VRL1 Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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