

Datasheet for ABIN2855207
anti-TRPV2 antibody (C-Term)

3 Images

1 Publication

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Overview

Quantity:	100 µL
Target:	TRPV2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPV2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human VRL1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to VRL1 (transient receptor potential cation channel, subfamily V, member 2) VRL1 antibody [C2C3], C-term
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	TRPV2
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Target Details

Alternative Name:	transient receptor potential cation channel subfamily V member 2 (TRPV2 Products)
Background:	<p>This gene encodes an ion channel that is activated by high temperatures above 52 degrees Celsius. The protein may be involved in transduction of high-temperature heat responses in sensory ganglia. It is thought that in other tissues the channel may be activated by stimuli other than heat.</p> <p>Cellular Localization: Cell membrane, Multi-pass membrane protein (By similarity) , Cytoplasm (By similarity) , Melanosome</p>
Molecular Weight:	86 kDa
Gene ID:	51393
UniProt:	Q9Y5S1
Pathways:	Regulation of Cell Size

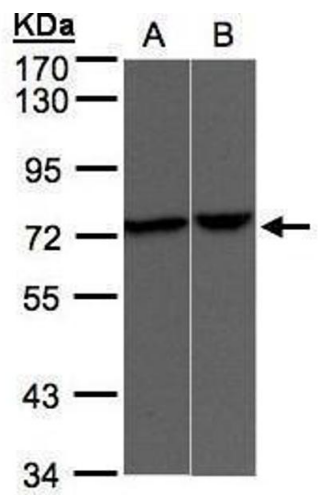
Application Details

Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Validation: Orthogonal
Restrictions:	For Research Use only

Handling

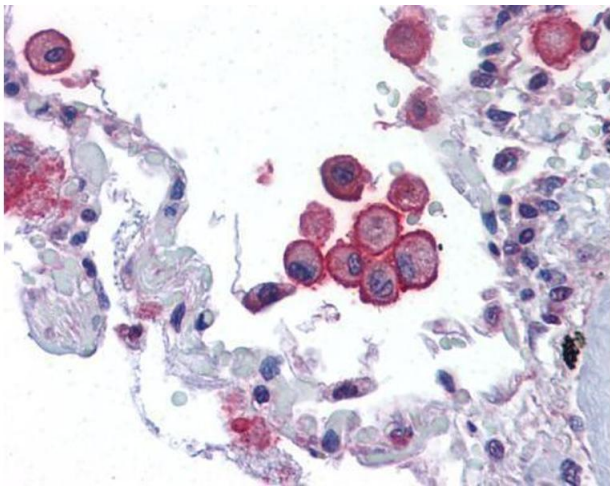
Format:	Liquid
Concentration:	1.03 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated 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.

Product cited in: Yang, Chien, Lai, Su, Jan, Hsiao, Chen: "Monoamine Oxidase B Expression Correlates with a Poor Prognosis in Colorectal Cancer Patients and Is Significantly Associated with Epithelial-to-Mesenchymal Transition-Related Gene Signatures." in: **International journal of molecular sciences**, Vol. 21, Issue 8, (2020) ([PubMed](#)).



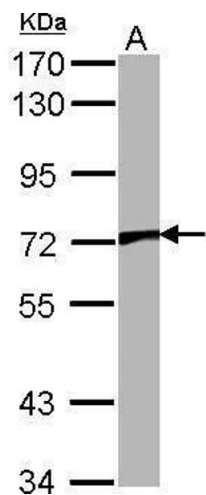
Western Blotting

Image 1. WB Image Sample(30 µg of whole cell lysate)
A:A431, B:Raji, 7.5% SDS PAGE antibody diluted at 1:500



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded human lung, using VRL1, antibody(10 µg/ml).



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A:
NIH-3T3 7.5% SDS PAGE VRL1 antibody antibody diluted at
1:1000