

## Datasheet for ABIN7231930 **anti-TRPV6 antibody**



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### Overview

Quantity:	100 µL
Target:	TRPV6
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

### Product Details

Purpose:	TRPV6 Polyclonal Antibody
Immunogen:	Synthesized peptide derived from part region of human TRPV6 protein
Isotype:	IgG
Specificity:	The antibody detects endogenous levels of TRPV6 protein
Purification:	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen

### Target Details

Target:	TRPV6
Alternative Name:	TRPV6 ( <a href="#">TRPV6 Products</a> )
Background:	Rabbit Anti-TRPV6 Polyclonal Antibody, Transient receptor potential cation channel subfamily V member 6, TrpV6, CaT-like, CaT-L, Calcium transport protein 1, CaT1, Epithelial calcium channel 2, ECaC2, TRPV6 (Transient Receptor Potential Cation Channel Subfamily V Member 6) is a

## Target Details

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Protein Coding gene. Diseases associated with TRPV6 include Prostate Cancer and Aromatase Deficiency. Among its related pathways are TRP channels and Mineral absorption. TRPV6 encodes a member of a family of multipass membrane proteins that functions as calcium channels. The encoded protein contains N-terminal ankyrin repeats, which are required for channel assembly and regulation. Translation initiation for this protein occurs at a non-AUG start codon that is decoded as methionine. TRPV6 is situated next to a closely related gene for transient receptor potential cation channel subfamily V member 5 (TRPV5). This locus has experienced positive selection in non-African populations, resulting in several non-synonymous codon differences among individuals of different genetic backgrounds.,TRPV6

Molecular Weight: observed band 79kDa

Gene ID: 55503

UniProt: [Q9H1D0](#)

Pathways: [TCR Signaling](#)

## Application Details

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Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:5000-1:20000).

Comment: Primary Antibody

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS, pH 7.4, containing 0.02 % Sodium Azide as preservative and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.