

[Go to Product page](#)

## Datasheet for ABIN7120140 **anti-TRPV6 antibody**

### Overview

Quantity:	100 µg
Target:	TRPV6
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPV6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP)

### Product Details

Immunogen:	transient receptor potential cation channel, subfamily V, member 6
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	TRPV6
Alternative Name:	TRPV6 ( <a href="#">TRPV6 Products</a> )
Background:	Synonyms:ABP/ZF, Calcium transport protein 1, CaT L, CaT like, CAT1, CATL, ECAC2, Epithelial calcium channel 2, HSA277909, LP6728, TRPV6, ZFAB Background:Calcium selective cation channel that mediates Ca(2+) uptake in various tissues, including the intestine(PubMed:11097838, PubMed:11278579, PubMed:11248124 PubMed:15184369,

## Target Details

PubMed:23612980). Important for normal Ca(2+) ion homeostasis in the body, including bone and skin(By similarity). The channel is activated by low internal calcium level, probably including intracellular calcium store depletion, and the current exhibits an inward rectification(PubMed:15184369). Inactivation includes both a rapid Ca(2+)-dependent and a slower Ca(2+)-calmodulin-dependent mechanism, the latter may be regulated by phosphorylation. In vitro, is slowly inhibited by Mg(2+) in a voltage-independent manner. Heteromeric assembly with TRPV5 seems to modify channel properties. TRPV5-TRPV6 heteromultimeric concatemers exhibit voltage-dependent gating.

Molecular Weight: 82 kDa,70 kDa

Gene ID: 55503

UniProt: [Q9H1D0](#)

Pathways: [TCR Signaling](#)

## Application Details

Application Notes: WB: 1:500-1:5000, IP: 1:200-1:1000, IF: 1:10-1:100

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months