

[Go to Product page](#)

Datasheet for ABIN7120139 **anti-TRPV5 antibody**

Overview

Quantity:	100 µg
Target:	TRPV5
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPV5 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	transient receptor potential cation channel, subfamily V, member 5
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	TRPV5
Alternative Name:	TRPV5 (TRPV5 Products)
Background:	Synonyms:Calcium transport protein 2, CAT2, ECaC, ECAC1, Epithelial calcium channel 1, Osm 9 like TRP channel 3, OTRPC3, TRPV5 Background:Constitutively active calcium selective cation channel thought to be involved in Ca(2+) reabsorption in kidney and intestine(PubMed:11549322, PubMed:18768590). Required for normal Ca(2+) reabsorption in

Target Details

the kidney distal convoluted tubules(By similarity). The channel is activated by low internal calcium level and the current exhibits an inward rectification(PubMed:11549322, PubMed:18768590). A Ca(2+)-dependent feedback regulation includes fast channel inactivation and slow current decay(By similarity). Heteromeric assembly with TRPV6 seems to modify channel properties. TRPV5-TRPV6 heteromultimeric concatemers exhibit voltage-dependent gating(By similarity).

Molecular Weight: 43 kDa

Gene ID: 56302

UniProt: [Q9NQA5](#)

Application Details

Application Notes: 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