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Datasheet for ABIN7172888 **anti-TRPV5 antibody (AA 1-325)**

Overview

Quantity:	100 µL
Target:	TRPV5
Binding Specificity:	AA 1-325
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPV5 antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Transient receptor potential cation channel subfamily V member 5 protein (1-325AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	TRPV5
Alternative Name:	TRPV5 (TRPV5 Products)
Background:	Background: Constitutively active calcium selective cation channel thought to be involved in

Target Details

Ca²⁺ reabsorption in kidney and intestine. The channel is activated by low internal calcium level and the current exhibits an inward rectification. A Ca²⁺-dependent feedback regulation includes fast channel inactivation and slow current decay. Heteromeric assembly with TRPV6 seems to modify channel properties. TRPV5-TRPV6 heteromultimeric concatemers exhibit voltage-dependent gating .

Aliases: Calcium transport protein 2 antibody, Calcium transporter 2 antibody, CAT 2 antibody, CAT2 antibody, ECAC 1 antibody, ECaC antibody, ECaC1 antibody, Epithelial calcium channel 1 antibody, Osm 9 like TRP channel 3 antibody, Osm-9-like TRP channel 3 antibody, OTRPC 3 antibody, OTRPC3 antibody, Transient receptor potential cation channel subfamily V member 5 antibody, TRPV 5 antibody, TrpV5 antibody, TRPV5_HUMAN antibody

UniProt: [Q9NQA5](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide, 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, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.