

## anti- TRPV5 antibody

### Product Information

Catalog No.:	FNab09029
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### 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 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).

### Immunogen information

Immunogen:	transient receptor potential cation channel, subfamily V, member 5
Synonyms:	Calcium transport protein 2, CAT2, ECaC, ECAC1, Epithelial calcium channel 1, Osm 9 like TRP channel 3, OTRPC3, TRPV5
Observed MW:	43 kDa
Uniprot ID :	Q9NQA5

### Application

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Reactivity: Human, Mouse, Rat

Tested Application: ELISA, IF

Recommended dilution:IF: 1:10-1:100

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