

Product datasheet for **TA356802**

TRPV5 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human TRPV5
Specificity:	Expected reactivity: Human Homology: Human: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	80kDa
Gene Name:	transient receptor potential cation channel subfamily V member 5
Database Link:	NP_062815 Entrez Gene 56302 Human Q9NQA5



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Background:

TRPV5 constitutively active calcium selective cation channel thought to be involved in Ca(2+) reabsorption in kidney and intestine. The channel is activated by low internal calcium level and the current exhibits an inward rectification. A Ca(2+)- 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.

Synonyms:

CAT2; ECaC; ECAC1; OTRPC3

Product images:


Host: Rabbit
 Target Name: TRPV5
 Sample Tissue: Fetal Liver Lysate
 Antibody Dilution: 1.0µg/ml

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 Sample Type: Fetal Liver lysates
 Antibody Dilution: 1.0ug/ml