

## **Product datasheet for TA356802**

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OriGene Technologies, Inc.

## **TRPV5 Rabbit Polyclonal Antibody**

**Product data:** 

**Product Type:** Primary Antibodies

Applications: WB

Reactivity: Human 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.

Note that this product is shipped as lyophilized powder to China customers.

**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





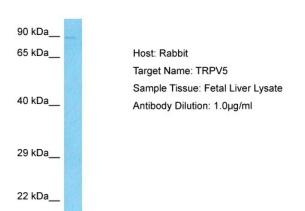
Background: TRPV5 constitutively active calcium selective cation channel thought to be involved in Ca(2+)

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