

## Product datasheet for **AP11388PU-N**

### Trpv3 (N-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA 1:1,000. Western blot 1:1,000. Immunohistochemistry 1:10 - 1:50.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of mouse TRPV3.
Specificity:	This antibody detects TRPV3 at N-term.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	transient receptor potential cation channel, subfamily V, member 3
Database Link:	<a href="#">Entrez Gene 246788 Mouse</a> <a href="#">Q8K424</a>



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**Background:**

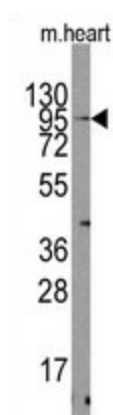
TRPV3 belongs to a family of nonselective cation channels that function in a variety of processes, including temperature sensation and vasoregulation. The thermosensitive members of this family are expressed in subsets of sensory neurons that terminate in the skin, and are activated at distinct physiological temperatures. This channel is activated at temperatures between 22 and 40 degrees C. This gene lies in close proximity to another family member (TRPV1) gene on chromosome 17, and the two encoded proteins are thought to associate with each other to form heteromeric channels.

**Synonyms:**

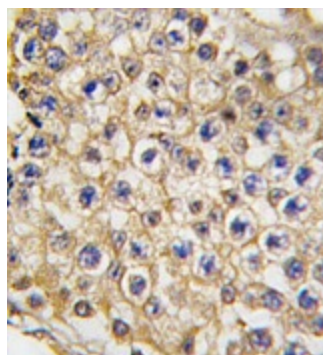
VRL-3; VRL3

**Note:**

Molecular weight: 90273 Da

**Product images:**


Western blot analysis of TRPV3 Antibody (N-term) in mouse heart tissue lysates (35 ug/lane). TRPV3 (arrow) was detected using the purified Pab (1:60 dilution).



Formalin-fixed and paraffin-embedded human testis tissue reacted with TRPV3 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.