

Product datasheet for **AP55349PU-N**

TRPV3 Rabbit Polyclonal Antibody

Product data:

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|------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | ELISA, IHC, WB |
| Recommended Dilution: | ELISA. Western Blot: 1/100-1/1000. Immunohistochemistry: 1/50-1/200. |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide derived from internal domain of Human TrpV3 |
| Specificity: | This antibody reacts with Human 90 kDa TrpV3. Cross reacts with Mouse, Rat and with all the isoforms. |
| Formulation: | 0.1M Tris, 0.1M Glycine and 2% Sucrose State: Purified State: Lyophilized purified powder Preservative: None |
| Reconstitution Method: | Restore in distilled water. |
| Purification: | Affinity Chromatography on Protein A |
| Conjugation: | Unconjugated |
| Storage: | Prior to reconstitution store the antibody at -20°C. Store reconstituted antibody at 2-8°C for 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: | Entrez Gene 162514 Human Q8NET8 |



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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.

Synonyms: VRL-3