

Product datasheet for **AP55376SU-N**

VPAC2 (VIPR2) Rabbit Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | ELISA, IHC, WB |
| Recommended Dilution: | ELISA. Western Blot: 1/200-1/2000. Immunohistochemistry: 1/50-1/500. |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide derived from an internal domain of Human VIP-R2 protein |
| Specificity: | This antibody reacts with 49 kDa VIPR2 protein. |
| Formulation: | State: Serum State: Lyophilized serum Preservative: None |
| Reconstitution Method: | Restore in 0.2 ml distilled water. |
| Conjugation: | Unconjugated |
| Storage: | Prior to reconstitution store the antibody at -20°C. Store the 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: | vasoactive intestinal peptide receptor 2 |
| Database Link: | Entrez Gene 7434 Human P41587 |
| Background: | Vasoactive intestinal polypeptide receptor 2 (VIPR2) is a member of the Vasoactive Intestinal Polypeptide subfamily. It is characterized by a high affinity for the VIP analogue from lizard venom named helodermin, a preference for the neuropeptide PACAP-38 over PACAP-27 and VIP, and an extremely low affinity for secretin. VIPR2 has been suggested to affect the rhythmicity and photic entrainment of the circadian clock. VIPR2 expression has been reported in a wide variety of tissues. ESTs have been isolated from heart/melanocyte/uterus, liver/spleen, and prostate libraries. |



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Synonyms:

VIPR2, VIP2R, Vasoactive intestinal polypeptide receptor 2, PACAP-R-3, PACAPR3, VIPR-2, VIP-R2