

Product datasheet for **AP10557SU-N**

VIP Receptor 1 (VIPR1) Rabbit Polyclonal Antibody

Product data:

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 internal domain of the Human VIP-R1 protein.
Specificity:	Reacts with 51 kDa protein.
Formulation:	Tris 0,1M, glycine 0,1M, sucrose 2% State: Serum State: Lyophilized serum Preservative: None
Reconstitution Method:	Restore in distilled water.
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:	vasoactive intestinal peptide receptor 1
Database Link:	Entrez Gene 7433 Human P32241



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Background:

Vasoactive Intestinal Polypeptide Receptor 1 (VIPR1) is a member of the Vasoactive Intestinal Polypeptide subfamily. Vasoactive intestinal peptide (VIP) plays multiple roles in the nervous, endocrine, and immune systems as a neurotransmitter, a hormone, and a cytokine. VIPR1, a receptor for VIP, has been shown to be expressed widely in normal tissues and is the predominant receptor subtype for VIP in cancers. VIP and its receptors, VIPR1 and VIPR2, are highly expressed in the immune system and modulate diverse T cell functions. Recently VIPR1 has been shown to be a novel and potent facilitator of HIV-1 infection. Two isoforms are produced by alternative splicing. VIPR1 expression has been documented widely in normal and cancerous tissues, including adipose, adrenal, bladder, blood, brain, breast, colon, ganglion, GI tract, heart, kidney, liver, lung, lymph node, ovary, pancreas, placenta, prostate, skin, small intestine, spinal cord, spleen, stomach, testis, thymus, thyroid, and vessel. ESTs have been isolated from a diverse set of normal and cancerous tissues.

Synonyms:

Vasoactive intestinal polypeptide receptor 1, VIPR1, PACAPR2, PACAP-R-2, VIP-R1, VIPR-1