
VIP Receptor 2 (Mouse) Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250807

Unit: 0.1 mg

Description:

Pituitary adenylate cyclase-activating polypeptide (PACAP) is a neuropeptide belonging to the vasoactive intestinal polypeptide/glucagon/secretin family. PACAP is widely distributed in the body and is involved in a variety of biological reactions. Several PACAP receptors (PACAPRs) have been identified. Mouse PACAPR-3 (VIP Receptor 2) is a 437-amino acid protein that has 50% and 51% identity with rat PACAP type I and II receptors respectively. PACAPR-3 binds to vasoactive intestinal polypeptide (VIP) as well as PACAP-27 and -38. PACAPR-3 participates in the regulation of insulin secretion. The activity of the receptor is mediated by G-proteins which activate adenylyl cyclase.

Isotype: Rabbit Ig

Applications: WB, E, IHC

Species Reactivity: M

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Vasoactive intestinal polypeptide receptor 2; VIP-R-2; Pituitary adenylate cyclase-activating polypeptide type III receptor; PACAP type III receptor; PACAP-R-3; Vipr2

Accession No.: P41588

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of mouse VIP Receptor 2.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.