VIPR1 Rabbit pAb

Catalog NO.: A10515

Basic Information

Observed MW
51kDa

Calculated MW
52kDa

Category
Polyclonal Antibodies

Applications
WB, ELISA

Cross-Reactivity
Human

Conjugation
Unconjugated

Background

This gene encodes a receptor for vasoactive intestinal peptide, a small neuropeptide. Vasoactive intestinal peptide is involved in smooth muscle relaxation, exocrine and endocrine secretion, and water and ion flux in lung and intestinal epithelia. Its actions are effected through integral membrane receptors associated with a guanine nucleotide binding protein which activates adenylate cyclase. Several transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:500 - 1:2000

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
7433

Swiss Prot
P32241

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
II; HVR1; RDC1; V1RG; VIPR; VIRG; VAPC1; VPAC1; VPAC1R; VIP-R-1; VPCAP1R; PACAP-R2; PACAP-R-2; VIPR1

Contact

Product Information

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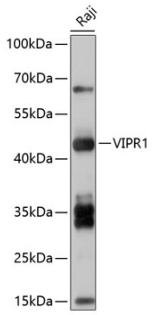
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from Raji cells, using VIPR1 Rabbit pAb (A10515) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.

For research use only. Not for therapeutic or diagnostic purposes.

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