



Recombinant VPAC2 Rabbit mAb

Catalog: BS37012

Host: Rabbit

Reactivity: Human

BackGround:

Vasoactive intestinal polypeptide receptor 2: G protein-coupled receptor activated by the neuropeptides vasoactive intestinal peptide (VIP) and pituitary adenylate cyclase-activating polypeptide (ADCYAP1/PACAP). Binds VIP and both PACAP27 and PACAP38 bioactive peptides with the following order of potency PACAP38 = VIP > PACAP27. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of downstream effectors. Activates cAMP-dependent pathway. May be coupled to phospholipase C.

Product:

1mg/ml in PBS, pH 7.4, containing 50% glycerol, 0.05% BSA and 0.01% sodium azide.

Molecular Weight:

~49.5 kDa

Swiss-Prot:

P41587

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

IHC (1/100 - 1/500)

Storage&Stability:

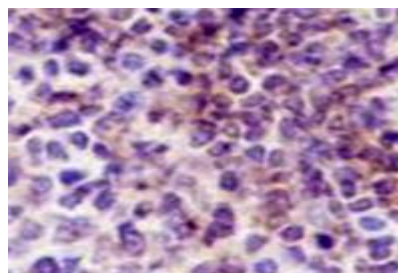
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of VPAC2 protein

DATA:

Western blot analysis of P2Y6 expression in 293 (A) whole cell lysates.

**Note:**

For research use only, not for use in diagnostic procedure.

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