

Anti-VIPR1 Antibody (Monoclonal, 32V02)

Catalog Number: M04345

About VIPR1

VIPR1(Vasoactive intestinal polypeptide receptor 1), also known as VIPR,HVR1, is a protein that in humans is encoded by the VIPR1 gene. Distinct subsets of neural, respiratory, gastrointestinal, and immune cells bear specific high-affinity G protein-coupled receptors for VIP, such as VIPR1. The VIPR1 gene is mapped on 3p22.1. The VIPR1 gene was found to span approximately 22 kb and to be comprised of 13 exons(ranging from 42 to 1,400 bp) and 12 introns(ranging from 0.3 to 6.1 kb). One encodes a VIP receptor consisting of 460 amino acids and having 7 putative transmembrane domains, as do other G protein-coupled receptors. Patients with idiopathic achalasia show a significant difference in the distribution of SNPs affecting VIPR1.

Overview

Product Name	Anti-VIPR1 Antibody (Monoclonal, 32V02)
Reactive Species	Human, Monkey, Mouse, Rat
Description	Boster Bio Anti-VIPR1 Antibody (Monoclonal, 32V02) catalog # M04345. Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat, Monkey.
Application	IHC, WB
Clonality	Monoclonal 32V02
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P32241

Technical Details

Immunogen	Synthetic peptide within human VIPR1 aa 402-455.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.

Suggested Dilutions

Western blot, 1:500-2000
Immunohistochemistry, 1:50-200

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