BOSTER BIOLOGICAL TECHNOLOGY
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888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-VIP Receptor 1/VIPR1 Antibody Picoband®

Catalog Number: PA1756

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.

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Overview

Product Name	Anti-VIP Receptor 1/VIPR1 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-VIP Receptor 1/VIPR1 Antibody catalog # PA1756. Tested in WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. *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 from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P32241

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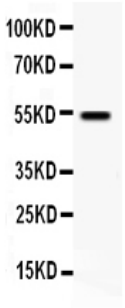
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Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human VIP Receptor 1, identical to the related rat and mouse sequences.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.1-0.5ug/ml, Human, Mouse, Rat

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Anti-VIP Receptor 1/VIPR1 Antibody Picoband® (PA1756) Images



Anti-VIPR1 antibody, PA1756, Western blottingAll lanes: Anti VIPR1 (PA1756) at 0.5ug/mlWB: Human Placenta Tissue Lysate at 50ugPredicted bind size: 52KDObserved bind size: 52KD

Anti-VIP Receptor 1/VIPR1 Antibody

For Research Use Only. Not for use in diagnostic procedures.