

Datasheet: 9535-0204

Description:	RABBIT ANTI VASOACTIVE INTESTINAL PEPTIDE
Specificity:	VASOACTIVE INTESTINAL PEPTIDE
Other names:	VIP
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.5 ml

Product Details

RRID AB_2216548

Applications This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen			▪	
Immunohistology - Paraffin	▪			
ELISA			▪	
Western Blotting			▪	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species Human

Species Cross Reactivity Reacts with: Goat
Based on sequence similarity, is expected to react with: Bovine, Dog, Horse, Mouse, Pig, Rhesus Monkey, Rat, Sheep
N.B. Antibody reactivity and working conditions may vary between species.

Product Form Purified IgG - liquid

Preparation Purified IgG prepared by affinity chromatography on Protein G

Buffer Solution Phosphate buffered saline

Preservative Stabilisers 0.09% Sodium Azide (NaN₃)

Approx. Protein Concentrations IgG concentration 1.0mg/ml

Immunogen Synthetic peptide corresponding to full-length mature vasoactive intestinal peptide conjugated to Keyhole Limpet Haemocyanin.

External Database Links

UniProt:
[P01282](#) [Related reagents](#)

Entrez Gene:
[7432](#) VIP [Related reagents](#)

Specificity **Rabbit anti Vasoactive Intestinal Peptide antibody** recognizes human vasoactive intestinal peptide, a secreted peptide that causes vasodilation, lowers arterial blood pressure, stimulates myocardial contractility, increases glycogenolysis and relaxes the smooth muscle of trachea, stomach and gall bladder.

Histology Positive Control Tissue Human small bowel

- References**
1. Stojic, Z. *et al.* (2010) Large-cell neuroendocrine carcinoma of the ampulla of Vater. [Med Oncol. 27: 1144-8.](#)
 2. Yi, F. *et al.* (2015) Hippocampal "cholinergic interneurons" visualized with the choline acetyltransferase promoter: anatomical distribution, intrinsic membrane properties, neurochemical characteristics, and capacity for cholinergic modulation. [Front Synaptic Neurosci. 7: 4.](#)
 3. Garcia, A. *et al.* (2014) Immunohistochemical evaluation of the goat forestomach during prenatal development. [J Vet Sci. 15 \(1\): 35-43.](#)
 4. Franco, A. *et al.* (2017) Comparative analysis of the merino sheep and Iberian red deer abomasum during prenatal development. [Anim Sci J. Apr 19. \[Epub ahead of print\]](#)
 5. Dezfuli, B.S. *et al.* (2007) Selected pathological, immunohistochemical and ultrastructural changes associated with an infection by *Diphyllbothrium dendriticum* (Nitzsch, 1824) (Cestoda) plerocercoids in *Coregonus lavaretus* (L.) (Coregonidae). [J Fish Dis. 30 \(8\): 471-82.](#)
 6. Dezfuli, B.S. *et al.* (2005) Histopathology, ultrastructure and immunohistochemistry of *Coregonus lavaretus* hearts naturally infected with *Ichthyocotylurus erraticus* (Trematoda). [Dis Aquat Organ. 66 \(3\): 245-54.](#)
 7. Tyan, L. *et al.* (2014) Dendritic inhibition provided by interneuron-specific cells controls the firing rate and timing of the hippocampal feedback inhibitory circuitry. [J Neurosci. 34 \(13\): 4534-47.](#)
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Storage Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 18 months from date of despatch.

Health And Safety Information Material Safety Datasheet documentation #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)

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