

Datasheet: AHP2382B

Description:	RABBIT ANTI BOVINE VEGF-A:Biotin
Specificity:	VEGF-A
Other names:	VPF
Format:	Biotin
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

Product Details

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
Flow Cytometry			■	
Immunohistology - Frozen			■	
Immunohistology - Paraffin			■	
ELISA	■			0.05 ug/ml - 0.5 ug/ml
Immunoprecipitation			■	
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 appropriate negative/positive controls.

Target Species	Bovine
Species Cross Reactivity	Reacts with: Cat, Dog, Horse, Mouse, Sheep, Pig, Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG conjugated to Biotin - liquid
Antiserum Preparation	Antisera to bovine VEGF-A were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	Total protein concentration 1.0 mg/ml
Immunogen	Recombinant bovine VEGF-A

**External Database
Links**

UniProt:

[P15691](#) [Related reagents](#)

Entrez Gene:

[281572](#) VEGFA [Related reagents](#)

Synonyms

VEGF

Specificity

Rabbit anti Bovine VEGF-A antibody recognizes bovine vascular endothelial growth factor A (VEGF-A), also known as vascular permeability factor (VPF). VEGF-A is a 22.3 kDa disulfide-linked homodimer belonging to the PDGF / VEGF family of growth factors.

Bovine VEGF-A is a growth factor that induces cell proliferation in endothelial cells. It is important in endothelial cell growth, vasculogenesis and angiogenesis. VEGF-A is also active in the induction of blood vessel permeability.

This antibody has been shown to recognize VEGF-A in a range of mammalian species.

ELISA

This product may be used as a detection reagent in a sandwich ELISA together with [AHP2382](#) as the capture reagent. Recombinant bovine VEGF-A ([PBP027](#)) may be used as a standard.

Storage

Store at +4°C. DO NOT FREEZE.

This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

12 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 Useful Reagents

[RECOMBINANT BOVINE VEGF-A \(PBP027\)](#)

[RABBIT ANTI BOVINE VEGF-A \(AHP2382\)](#)

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