

Datasheet: AHP2382

BATCH NUMBER 158755

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|----------------------|---------------------------|
| Description: | RABBIT ANTI BOVINE VEGF-A |
| Specificity: | VEGF-A |
| Other names: | VPF |
| Format: | Purified |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 0.1 mg |

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 | ▪ | | | 1.0 ug/ml - 10 ug/ml |
| Immunoprecipitation | | | ▪ | |
| Western Blotting | ▪ | | | 1.0 ug/ml - 10 ug/ml |

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. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - 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.

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|---------------------------------------|--|
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) |
| Approx. Protein Concentrations | IgG concentration 1.0 mg/ml |
| Immunogen | Recombinant bovine VEGF-A |
| External Database Links | <p>UniProt: P15691 Related reagents</p> <p>Entrez Gene: 281572 VEGFA Related reagents</p> |
| Synonyms | VEGF |
| Specificity | <p>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.</p> <p>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.</p> <p>VEGF-A is well conserved amongst mammals and Rabbit anti Bovine VEGF-A antibody recognizes VEGF-A in a range of species.</p> |
| ELISA | This product may be used as a capture antibody in a sandwich ELISA together with AHP2382B as the detection 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. |
| Guarantee | 12 months from date of despatch |
| Health And Safety Information | Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/AHP2382 10040 |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

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

Recommended Useful Reagents

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

[RABBIT ANTI BOVINE VEGF-A:Biotin \(AHP2382B\)](#)

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|----------------------------------|---|------------------|---|---------------|---|
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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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