

Datasheet: AHP2372B

Description:	GOAT ANTI BOVINE INSULIN-LIKE GROWTH FACTOR I:Biotin
Specificity:	IGF-I
Other names:	SOMATOMEDIN C
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	▪			0.01ug/ml - 0.5ug/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: Dog, Pig Does not react with: Turkey N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG conjugated to Biotin - liquid
Antiserum Preparation	Antisera to bovine insulin-like growth factor I were raised by repeated immunisation of goats 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	IgG concentration 1.0 mg/ml

Immunogen Recombinant bovine IGF-I

External Database Links

UniProt:
[P07455](#) [Related reagents](#)

Entrez Gene:
[281239](#) IGF1 [Related reagents](#)

Specificity **Goat anti Bovine insulin-like growth factor I** recognizes bovine insulin-like growth factor I (IGF-I), also known as somatomedin C, a 17.07 kDa growth factor belonging to the insulin family. IGF-I is produced by the liver in response to stimulus from growth hormone. IGF-I regulates cell growth and development in a wide range of tissues and organs.

ELISA This product may be used as a detection antibody in a sandwich ELISA together with [AHP2372](#) as the capture reagent. Recombinant Bovine insulin-like growth factor I ([PBP034](#)) 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

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