

Datasheet: AHP2372

Description:	GOAT ANTI BOVINE INSULIN-LIKE GROWTH FACTOR I
Specificity:	IGF-I
Other names:	SOMATOMEDIN C
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	▪			1ug/ml - 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. 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 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 (NaN₃)

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 capture antibody in a sandwich ELISA together with [AHP2372B](#) as the detection 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.

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/AHP2372>
10040

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

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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](https://www.bio-rad-antibodies.com/datasheets)

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