

## Datasheet: 7060-0104

<b>Description:</b>	RABBIT ANTI BOVINE OSTEOCALCIN
<b>Specificity:</b>	OSTEOCALCIN
<b>Other names:</b>	BONE GLA PROTEIN
<b>Format:</b>	Serum
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.25 ml

## 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen	▪			1/25 - 1/400

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

Bovine

### Species Cross Reactivity

Reacts with: Elk, Dog, Human, Monkey

Does not react with: Mouse, Chicken, 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

Serum - liquid

### Preservative Stabilisers

0.09% Sodium Azide (NaN<sub>3</sub>)

### Immunogen

Native bovine osteocalcin.

### External Database Links

**UniProt:**

**Entrez Gene:**

[281646](#)   BGLAP   [Related reagents](#)

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**RRID**                    AB\_619976

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**Specificity**            **Rabbit anti Bovine osteocalcin antibody** recognizes the carboxy-terminal region of osteocalcin, also known as bone gla protein, BGP or Gamma-carboxyglutamic acid-containing protein. Osteocalcin is a 49 amino acid protein secreted by osteoblasts from a precursor protein with an additional 28 amino acid propeptide together with a 23 amino acid signal peptide. Osteocalcin serves as a useful biomarker for bone formation.

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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.

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**Guarantee**             18 months from date of despatch.

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**Health And Safety Information**    Material Safety Datasheet documentation #10081 available at:  
10081: <https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf>

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**Regulatory**            For research purposes only

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## 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 (STAR36...)    [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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Look out for updates on how to access your digital version at [bio-rad-antibodies.com](https://www.bio-rad-antibodies.com)

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