Antibodies

Data Sheet

BOVINE FIBROBLAST GROWTH FACTOR-1 (FGF-1)

ANTIBODY, POLYCLONAL

Catalog no.: AS1013.1 / AS1013.2

Immunogen: Recombinant bovine FGF-1

Synonyms: Heparin-binding growth factor 1 (HBGF-1), Acidic eye-derived growth factor II (EDGF II), Acidic fibroblast growth factor (aFGF), Endothelial cell growth factor beta and alpha chains, Prostatropin

Swiss-Prot No: P03968

Gene Information: Gene Name: FGF1, AFGF, FGF-1, FGFA,

HBGF-1

GeneID: 281160

Host: Rabbit

Matrix: Serum

Specificity: Bovine, human, domestic ruminant and pig FGF-1

Contents: 20 µl / 100 µl (lyophilized)

Resuspend in 20 µl / 100 µl aqua bidest.

Known applications: RIA[1], Western Blot (1:10 000)[1], immunohistochemistry (cryosections, 1:5000)[1]

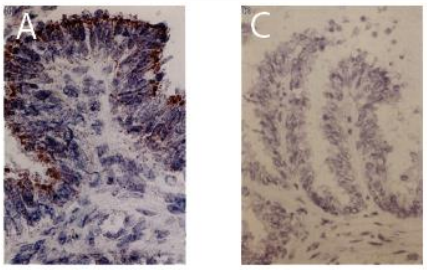

Figure 1: Immunohistochemistry image of FGF-1 staining in cryosections of bovine oviduct. The sections were treated with 0.5% H2O2 in PBS to reduce endogenous peroxidase activity. **(A)** The section was incubated with AS1013 (1:5000). Positive staining appears red, the nuclei are stained blue. Scale bar = 12.6 µm. **(C)** Control section incubated with rabbit IgG. Scale bar = 20 µm.

Gabler C et al. (1997) J Reprod Fert 109:213-221

This antibody has not been tested for use in all applications. This does not necessarily exclude its use for non-tested procedures. The stated dilutions are recommendations only. We suggest that the applicant titrates the antibody in his/her system using appropriate negative/positive controls.

Store at: 2-8 °C (lyophilized); - 20 °C (dissolved)

Repeated thawing and freezing must be avoided

References:

1. Gabler C, Lauer B, Einspanier A, Schams D, Einspanier R (1997). Detection of mRNA and immunoreactive proteins for acidic and basic fibroblast growth factor and expression of the fibroblast growth factor receptors in the bovine oviduct. *J Reprod Fertil* **109**(2)**:** 213-221.

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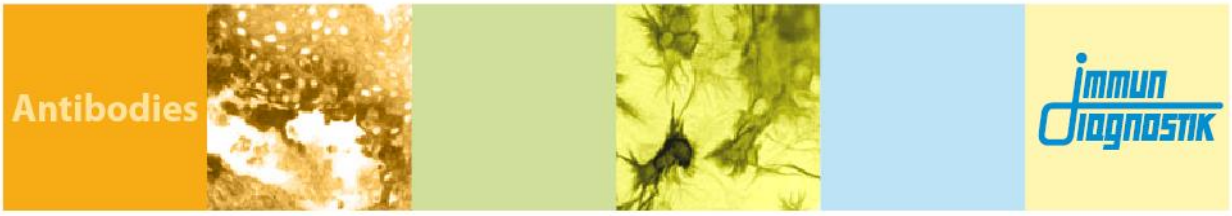

For research use only

Publishing research using AS1013? Please let us know so that we can cite your publication as a reference.

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