

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

GenelD: 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: RIA¹, Western Blot (1:10 000)¹,

immunohistochemistry (cryosections,

1:5000)1

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.

Last updated on: 28 April 2022

For research use only

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



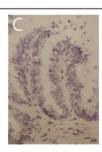


Figure 1: Immunohistochemistry image of FGF-1 staining in cryosections of bovine oviduct. The sections were treated with 0.5% H2O2 in PBS to reduce endogenous peroxidase activity. (A) The section was incubated with AS1013 (1:5000). Positive staining appears red, the nuclei are stained blue. Scale bar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

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