

Data Sheet

BOVINE FIBROBLAST GROWTH FACTOR-2 (FGF-2)

ANTIBODY, POLYCLONAL

Catalog no.:	AS1014.1 / AS1014.2
Immunogen:	Recombinant bovine FGF-2
Synonyms:	Heparin-binding growth factor 2 (HBGF-2), Basic fibroblast growth factor (bFGF)
Swiss-Prot No:	P03969
Gene Information:	Gene Name: FGF2, FGF-2 GeneID: 281161
Host:	Rabbit
Matrix:	Serum
Specificity:	Bovine, human, domestic ruminant and pig FGF-2 No cross reactivity was obtained with bovine FGF-1, IGF-1, IGF-2, TNF α or EGF.

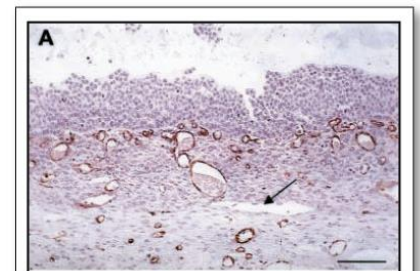


Figure 1: Immunohistochemistry image of FGF-2 staining in paraffin sections of bovine follicle tissue. Endogenous peroxidase activity was blocked by incubating the section in 1% H₂O₂ in methanol for 30 min. The section was incubated with AS1014 (1:1200) and detected using biotinylated secondary antibody with ABC kit (Vector Laboratories). DAB was used as the chromogen. **(A)** AS1014 stains the larger vessels in the theca externa, but not lymphatic vessels (arrow). Scale bar = 100 μ m.
Berisha B et al. (2000) *J Endocrinol* 167(3):371-382

Contents:	20 μ l / 100 μ l (lyophilized) Resuspend in 20 μ l / 100 μ l aqua bidest.
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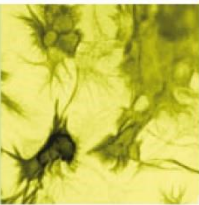
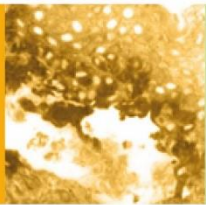
Known applications:	RIA ^{1,2} , Western Blot (1:10 000-30 000) ^{1,2} , immunohistochemistry (paraffin sections, 1:1200; cryosections, 1:5000) ^{1,2,3}
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This antibody has not been tested for use in all applications. This does not necessarily exclude 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
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References:	<ol style="list-style-type: none"> Schams D, Amselgruber W, Einspanier R, Sinowatz F, Gospodarowicz D (1994). Localization and tissue concentration of basic fibroblast growth factor in the bovine corpus luteum. <i>Endocrine</i> 2: 907-912. 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. <i>J Reprod Fertil</i> 109(2): 213-221. Berisha B, Schams D, Kosmann M, Amselgruber W, Einspanier R (2000). Expression and localisation of vascular endothelial growth factor and basic fibroblast growth factor during the final growth of bovine ovarian follicles. <i>J Endocrinol</i> 167(3): 371-382.
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4. Sinowatz F, Schams D, Einspanier R, Arnold G, Pfeffer M, Temmim-Baker L, Amselgruber W, Plendl J (2000). Cellular localization of fibroblast growth factor 2 (FGF-2) in benign prostatic hyperplasia. *Histol Histopathol* **15**(2): 475-481.

Last updated on: 28 April 2022

For research use only

Publishing research using AS1014? Please let us know so that we can cite your publication as a reference.

