

Product datasheet for **PP1103B1**

FGF16 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	ELISA: To detect hFGF-16 by direct ELISA (using 100 µl/well antibody solution) this antibody can be used at a concentration of 0.15 - 0.30 µg/ml. Used in conjunction with compatible secondary reagents, allows the detection of at least 0.2 ng/well of recombinant hFGF-16. Western Blot: To detect hFGF-16 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hFGF-16 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) recombinant hFGF-16.
Specificity:	Fibroblast Growth Factor 16 (FGF-16)
Formulation:	PBS, pH 7.2 without preservatives. Label: Biotin State: Lyophilized purified Ig fraction. Label: conjugated
Purification:	Affinity chromatography.
Conjugation:	Biotin
Storage:	Store the antibody prior to reconstitution at -20°C. Following reconstitution the antibody can be stored at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	fibroblast growth factor 16
Database Link:	Entrez Gene 8823 Human O43320



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- Background:** FGF16 belongs to the heparin-binding growth factors family. It induces hepatocellular proliferation, but has no biological effect on the heart. The FGF's play key roles in controlling tissue growth, morphogenesis, and repair in animals. Fibroblast Growth Factor 16 is a newly discovered heparin binding growth factor, which stimulates the proliferation and activation of cells that express the FGF receptors.
- Synonyms:** Fibroblast growth factor 16, FGF-16
- Note:** Centrifuge vial prior to opening!