

Product datasheet for **PP1103P1**

FGF16 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FN, WB
Recommended Dilution:	Neutralization. Sandwich ELISA: To detect hFGF-16 (using 100 µl/well antibody solution) a concentration of at least 0.5 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2 - 0.4 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 (human Fibroblast Growth Factor-16).
Specificity:	Fibroblast Growth Factor 16 (FGF-16)
Formulation:	PBS, pH 7.2 without preservatives. State: Aff - Purified State: Lyophilized (sterile filtered) purified Ig fraction
Reconstitution Method:	Restore in sterile water to a concentration of 0.1-1.0 mg/ml
Purification:	Affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	fibroblast growth factor 16



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Database Link: [Entrez Gene 8823 Human O43320](#)

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!