

## Product datasheet for **PP1130P2**

### FGF17 Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FN, WB
Recommended Dilution:	<b>Neutralization:</b> To yield one-half maximal inhibition [ND50] of the biological activity of Human FGF-17 (200.0 ng/ml), a concentration of 2.1-3.2 µg/ml of this antibody is required. <b>Sandwich ELISA:</b> To detect Human FGF-17 by Sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5-2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated anti-Human FGF-17 (PP1130B1 or PP1130B2) as Detection antibody, allows the detection of 0.2-0.4 ng/well of recombinant Human FGF-17. <b>Western Blot:</b> To detect Human FGF-17 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 Human FGF-17 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 Human FGF-17
Specificity:	This antibody recognizes FGF-17
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 employing immobilized Human FGF-17 matrix.
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.



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**Gene Name:** fibroblast growth factor 17

**Database Link:** [Entrez Gene 8822 Human O60258](#)

**Background:** FGF17 belongs to the heparin-binding growth factors family. It may be a signaling molecule in the induction and patterning of the embryonic brain and is preferentially expressed in the embryonic brain. There are two named isoforms.

**Synonyms:** Fibroblast growth factor 17, FGF-17

**Note:** Centrifuge vial prior to opening!