

Product datasheet for **AP23402PU-N**

FGF1 (C-term) Rabbit Polyclonal Antibody

Product data:

| | |
|------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | Western blot: 1 µg/ml. |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | A synthetic peptide corresponding to a sequence at the C-terminal of human FGF1 |
| Specificity: | This antibody detects FGF acidic / FGF1 (C-term). No cross reactivity with other proteins. |
| Formulation: | 0.2ml of distilled water will yield a concentration of 500µg/ml. State: Aff - Purified State: Lyophilized Ig fraction |
| Reconstitution Method: | PA1311 |
| Purification: | Immunogen affinity purified |
| Conjugation: | Unconjugated |
| Storage: | Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | fibroblast growth factor 1 |
| Database Link: | Entrez Gene 14164 Mouse Entrez Gene 25317 Rat Entrez Gene 2246 Human P05230 |



[View online »](#)

| | |
|--------------------------|--|
| Background: | Fibroblast growth factor 1 (acidic), also known as FGF1/ECGF/HBGF1, is a human gene which is mapped to 5q311. The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein functions as a modifier of endothelial cell migration and proliferation, as well as an angiogenic factor. It acts as a mitogen for a variety of mesoderm- and neuroectoderm-derived cells in vitro, thus is thought to be involved in organogenesis. Additionally, Acidic fibroblast growth factor is derived from beta-endothelial cell growth factor (ECGFB) by posttranslational processing. Alpha-ECGF is also derived from ECGFB in the same manner. |
| Synonyms: | FGFA, Acidic fibroblast growth factor, ECGF-beta, HBGF-1, HBGF1 |
| Protein Families: | Druggable Genome, Secreted Protein |
| Protein Pathways: | MAPK signaling pathway, Melanoma, Pathways in cancer, Regulation of actin cytoskeleton |