

Datasheet for ABIN5689056  
**anti-FGF7 antibody (Biotin)**



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## Overview

|              |                                            |
|--------------|--------------------------------------------|
| Quantity:    | 0.05 mg                                    |
| Target:      | FGF7                                       |
| Reactivity:  | Human                                      |
| Host:        | Rabbit                                     |
| Clonality:   | Polyclonal                                 |
| Conjugate:   | This FGF7 antibody is conjugated to Biotin |
| Application: | Western Blotting (WB), ELISA               |

## Product Details

|               |                                                                                                                          |
|---------------|--------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hKGF (human Keratinocyte Growth Factor). |
| Purification: | Anti-hKGF specific antibody was purified by affinity chromatography and then biotinylated.                               |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | FGF7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Alternative Name: | KGF ( <a href="#">FGF7 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Background:       | KGF 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 is a potent epithelial cell specific growth factor, whose mitogenic activity is predominantly exhibited in keratinocytes but not in fibroblasts and endothelial cells. |

## Target Details

|           |                                                                                                                                                                                 |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID:  | 2252                                                                                                                                                                            |
| UniProt:  | <a href="#">P21781</a>                                                                                                                                                          |
| Pathways: | <a href="#">RTK Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | <p>ELISA:</p> <p>To detect hKGF 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 hKGF.</p> <p>Sandwich:</p> <p>To detect hKGF by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.25 - 1.0 µg/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with our Polyclonal Anti-Human KGF (XP-5208) as a capture antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hKGF.</p> <p>Western Blot:</p> <p>To detect hKGF 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 hKGF is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.</p> |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## Handling

|                  |                                                                                                                                                                                                                                                            |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                                                                                                                                                                                                |
| Storage:         | -20 °C                                                                                                                                                                                                                                                     |
| Storage Comment: | KGF antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least two weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C. Avoid repeated freeze-thaw cycles. |