

## Goat anti-FGFR1 Antibody

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| <b>Item Number</b>     | dAP-0620                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Target Molecule</b> | Principle Name: FGFR1; Official Symbol: FGFR1; All Names and Symbols: FGFR1; H2; H3; H4; H5; CEK; FLG; FLT2; KAL2; BFGFR; C-FGR; N-SAM; fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2, Pfeiffer syndrome); FLG protein; N-sam tyrosine kinase; tyrosylprotein kinase; protein-tyrosine kinase; FMS-like tyrosine; Accession Number (s): NP_075598.2; NP_056934.2; NP_075593.1; NP_075594.1; NP_075599.1; Human Gene ID(s): 2260; Non-Human GeneID(s): |
| <b>Immunogen</b>       | CLPRHPAQLANGGLKR, is from C Terminus<br>This antibody is expected to recognise five isoforms (as represented by NP_075598.2; NP_056934.2; NP_075593.1; NP_075594.1; NP_075599.1).                                                                                                                                                                                                                                                                                          |
| <b>Applications</b>    | Pep ELISA, WB, IHC<br><br>Species Tested: Human                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Purification</b>    | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.                                                                                                                                                                                                                                                                                                                                      |
| <b>Supplied As</b>     | lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.<br>Aliquot and store at -20°C. Minimize freezing and thawing.                                                                                                                                                                                   |
| <b>Peptide ELISA</b>   | Peptide ELISA: antibody detection limit dilution 1 to 32000.                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Western Blot</b>    | Western Blot: Approx 75kDa band observed in Human Breast lysates (calculated MW of 82.2kDa according to NP_075593, 81.9kDa according to NP_075594). Recommended concentration: 0.3-1µg/ml.                                                                                                                                                                                                                                                                                 |
| <b>IHC</b>             | Immunohistochemistry: In paraffin embedded Human Small Intestine shows staining of the enterocytic cytoplasm. Recommended concentration: 4-6µg/ml. Paraffin embedded Human Kidney. Recommended concentration: 4µg/ml.                                                                                                                                                                                                                                                      |
| <b>Reference</b>       | Reference(s): Torry DS, Mukherjea D, Arroyo J, Torry RJ. Expression and function of placenta growth factor: implications for abnormal placentation. J Soc Gynecol Investig. 2003 May;10(4):178-88. Review. PMID: 12759145 ->                                                                                                                                                                                                                                               |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**