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Research Use Only. Not for diagnostic or therapeutic use.

EB06649 - Goat Anti-FGFR1 Antibody

Size: 100µg specific antibody in 200µl

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Target Protein

Principal Names: 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 kinase 2, hydroxyaryl-protein kinase, fms-related tyrosine kinase-2, heparin-binding growth factor receptor, basic fibroblast growth factor receptor 1, fibroblast growth factor receptor 1, CD331, FGFBR, FLJ99988, HBGFR, OGD, OTTHUMP00000190881, soluble FGFR1, soluble FGFR1 variant 2 Official Symbol: FGFR1

Accession Number(s): NP_075598.2; NP_056934.2; NP_075593.1; NP_075594.1; NP_075599.1

Human GeneID(s): 2260

Important Comments: 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).

Immunogen

Peptide with sequence CLPRHPAQLANGGLKR, from the C Terminus of the protein sequence according to NP_075598.2; NP_056934.2; NP_075593.1; NP_075594.1; NP_075599.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

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.

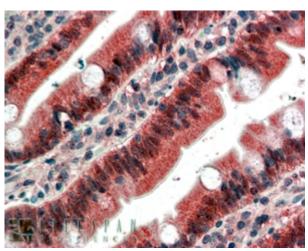
IHC: In paraffin embedded Human Small Intestine shows staining of the enterocytic cytoplasm. Recommended concentration: 4-6µg/ml. Paraffin embedded Human Kidney. Recommended concentration: 4µg/ml.

Species Reactivity

Tested: Human Expected from sequence similarity: Human, Dog, Cow

	250kDa 150kDa 100kDa
4	75kDa
	50kDa
	37kDa
	25kDa 20kDa
	ZUKDa
	15kDa
	10kDa

EB06649 (0.3µg/ml) staining of Human Breast lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB06649 (4µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

