

#### **International Office**

#### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB06649 - Goat Anti-FGFR1 Antibody

Size: 100µg specific antibody in 200µl



## **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 GenelD(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.

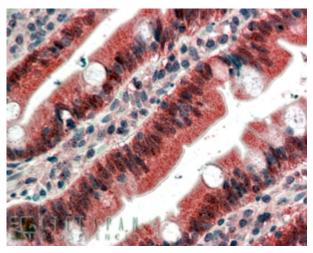
# **Species Reactivity**

Tested: Human

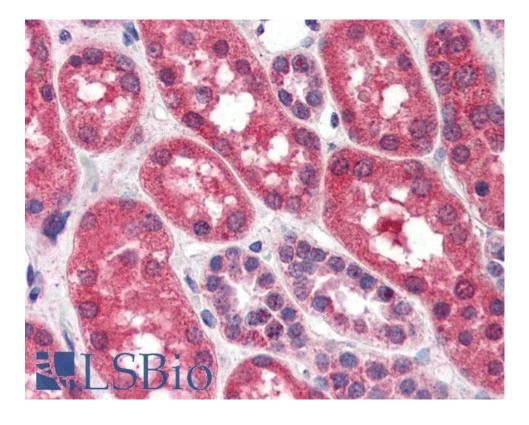
Expected from sequence similarity: Human, Dog, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa

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.



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