

Datasheet for ABIN185351
anti-FGFR1 antibody (C-Term)



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2 Images

Overview

Quantity:	100 µg
Target:	FGFR1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This FGFR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	FGFR1
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.
Sequence:	CLPRHPAQLA NGGLKR
Isotype:	IgG
Specificity:	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).
Cross-Reactivity:	Cow, Dog, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: FGFR1

Alternative Name: FGFR1 ([FGFR1 Products](#))

Background: 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

Gene ID: 2260

NCBI Accession: [NP_075598](#), [NP_056934](#), [NP_075593](#), [NP_075594](#), [NP_075599](#)

Pathways: [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Sensory Perception of Sound](#), [Stem Cell Maintenance](#), [S100 Proteins](#)

Application Details

Application Notes: Immunohistochemistry: In paraffin embedded Human Small Intestine shows staining of the enterocytic cytoplasm. Recommended concentration: 4-6 µg/mL. Paraffin embedded Human Kidney. Recommended concentration: 4 µg/mL.

Western Blot: Approx 75 kDa band observed in Human Breast lysates (calculated MW of 82.2 kDa according to NP_075593, 81.9 kDa according to NP_075594). Recommended concentration: 0.3-1 µg/mL.

Peptide ELISA: antibody detection limit dilution 1:32000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

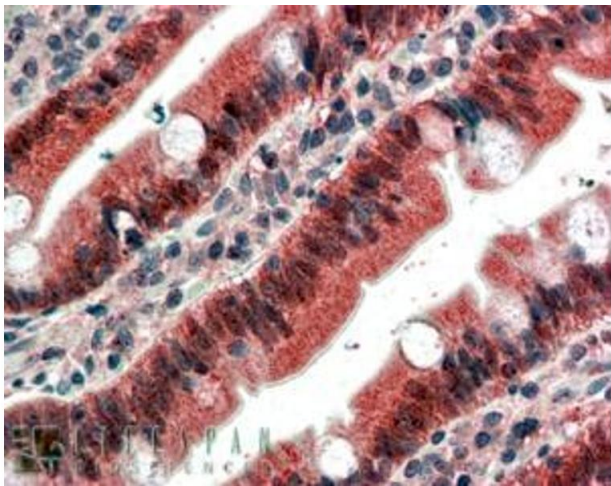
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



Immunohistochemistry

Image 1. ABIN185351 (4µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN185351 (0.3µg/ml) staining of Human Breast lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.