

Datasheet for ABIN656654  
**anti-FGFR1 antibody (N-Term)**

## 2 Images

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## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 400 µL   |
| Target:              | FGFR1  |
| Binding Specificity: | AA 131-160, N-Term   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This FGFR1 antibody is un-conjugated   |
| Application:         | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | This FGFR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 131-160 amino acids from the N-terminal region of human FGFR1. |
| Clone:                | RB32346  |
| Isotype:              | Ig Fraction  |
| Predicted Reactivity: | M  |
| Purification:         | This antibody is purified through a protein A column, followed by peptide affinity purification.   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | FGFR1                                    |
| Alternative Name: | FGFR1 ( <a href="#">FGFR1 Products</a> ) |

## Target Details

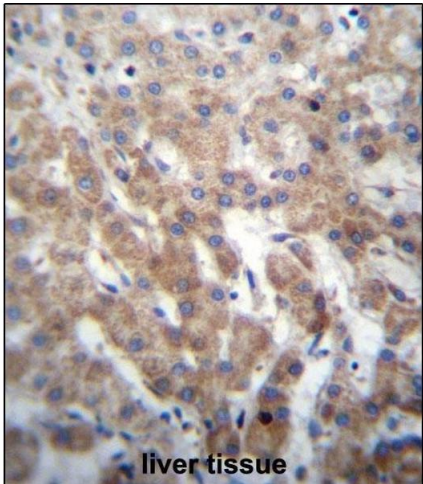
|                 |   |
|-----------------|---|
| Background:     | The protein encoded by this gene is a member of the fibroblast growth factor receptor (FGFR) family, where amino acid sequence is highly conserved between members and throughout evolution. FGFR family members differ from one another in their ligand affinities and tissue distribution. A full-length representative protein would consist of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment and a cytoplasmic tyrosine kinase domain. The extracellular portion of the protein interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. A marked difference between this gene product and the other family members is its lack of a cytoplasmic tyrosine kinase domain. The result is a transmembrane receptor that could interact with other family members and potentially inhibit signaling. Multiple alternatively spliced transcript variants encoding the same isoform have been found for this gene. |
| Gene ID:        | 53834   |
| NCBI Accession: | <a href="#">NP_001004356</a> , <a href="#">NP_001004358</a> , <a href="#">NP_068742</a>   |
| UniProt:        | <a href="#">Q8N441</a>  |
| Pathways:       | <a href="#">RTK Signaling</a>   |

## Application Details

|                    |                            |
|--------------------|----------------------------|
| Application Notes: | WB: 1:1000. IHC-P: 1:10~50 |
| Restrictions:      | For Research Use only      |

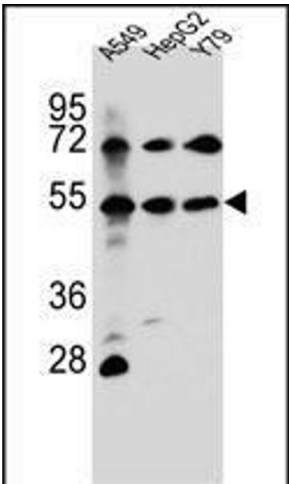
## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Buffer:            | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.   |
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | 4 °C, -20 °C   |
| Storage Comment:   | FGFRL1 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C. |
| Expiry Date:       | 6 months   |



Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** FGFR1 Antibody (N-term) (ABIN656654 and ABIN2845895) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of FGFR1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

**Image 2.** FGFR1 Antibody (N-term) (ABIN656654 and ABIN2845895) western blot analysis in A549, HepG2, Y79 cell line lysates (35 µg/lane). This demonstrates the FGFR1 antibody detected the FGFR1 protein (arrow).