

## FGFR-5 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP03227
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthesized peptide derived from FGFR-5 . at AA range: 130-210
<b>Mol wt</b>	54537
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	FGFR-5 Antibody
<b>Synonyms</b>	FGFRL1; FGFR5; FHFR; Fibroblast growth factor receptor-like 1; FGF receptor-like protein 1; FGF homologous factor receptor; FGFR-like protein; Fibroblast growth factor receptor 5; FGFR-5

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

The protein encoded by FGFR1 (fibroblast growth factor receptor-like 1) 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 FGFR1 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 FGFR1.

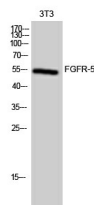
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

### Images



Western Blot analysis of 3T3 cells using FGFR-5 Polyclonal Antibody

### Storage

-20°C for one year

