

## Anti-Phospho-FGFR1 (Tyr154) Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Actual: 145, 91 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Applications

Application:	WB,ICC/IF,ELISA
Recommended	WB: 1:500-2000; ICC/IF: 1:200-1000; ELISA: 1:40000

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	A synthesized phosphopeptide: human FGFR1 around the phosphorylation site of Tyr154. AA range:121-170
Antigen Species:	human
Uniprot ID:	P11362
Synonyms:	FGFR1 (p-Tyr154);FGFR1 (p-Y154);p-FGFR1 (Y154);p-FGFR1 (Tyr154)

## Research Background

fibroblast growth factor receptor 1(FGFR1) Homo sapiens 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 consists 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. This particular family member binds both acidic and basic fibroblast growth factors and is involved in limb induction. Mutations in this gene have been associated with Pfeiffer syndrome, Jackson-Weiss syndrome,

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