Phospho-FGFR4 (Tyr642) Polyclonal Antibody

Catalog No. E-AB-21090

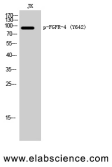
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human,Mouse,Rat
Immunogen	Synthesized peptide derived from human FGFR-4 around the phosphorylation site of Tyr642
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
WB	1:500-1:2000

Data



Western Blot analysis of Jurkat cells with Phospho-FGFR4 (Tyr642) Polyclonal Antibody
Observed Mw:90kDa
Calculated Mw:88kDa

Preparation & Storage

Storage Store at -20℃. Avoid freeze / thaw cycles.

Background

The protein encoded by this gene is a member of the fibroblast growth factor receptor 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. FGFR4 (Fibroblast Growth Factor Receptor 4) is a Protein Coding gene. Diseases associated with FGFR4 include Prostate Cancer and Neuroma. Among its related pathways are GPCR Pathway and RET signaling. GO annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein tyrosine kinase activity. An important paralog of this gene is FGFR3.