

CABP1274

Product Information

Product SKU: CABP1274	Gene ID: 2261	Size: 20uL, 100uL
Clone No: -	Host Species: Rabbit	Reactivity: Human, Mouse

Additional Information

Observed MW: 125kDa	Conjugate: Unconjugated
Calculated MW: 88kDa	Isotype: IgG

Immunogen Information

Background: This gene encodes a member of the fibroblast growth factor receptor (FGFR) family, with its amino acid sequence being highly conserved between members and among divergent species. 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. This particular family member binds acidic and basic fibroblast growth hormone and plays a role in bone development and maintenance. Mutations in this gene lead to craniosynostosis and multiple types of skeletal dysplasia.

Recommended Dilution: WB, 1:500 - 1:1000

Synonyms: ACH; CEK2; JTK4; CD333; HSGFR3EX; Phospho-FGFR3-Y724

Purification Method: Affinity purification

Immunogen: A synthetic phosphorylated peptide around Y724 of human FGFR3 (NP_000133.1).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.