

Rabbit anti-human FGFR3 Polyclonal Antibody

Catalog Number: R16023P

General Information	
Immunogen	Recombinant protein of human FGFR3
IgG type	IgG
Clonality	Polyclonal
Specificity	human FGFR3
Applications & dilution	WB 1:500 - 1:2000 IHC 1:50 - 1:100
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purity	≥95% purity by SDS-PAGE
Storage	Store at -20°C. Avoid freeze / thaw cycles.
Abbreviation: ELISA: Enzyme-linked immunosorbent assay; ITA: immunoturbidimetric assay; IP: immunoprecipitation; IHC: immunohistochemistry; IF: immunofluorescence. WB: western blot; FC: flowcytometry	

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. Three alternatively spliced transcript variants that encode different protein isoforms have been described.

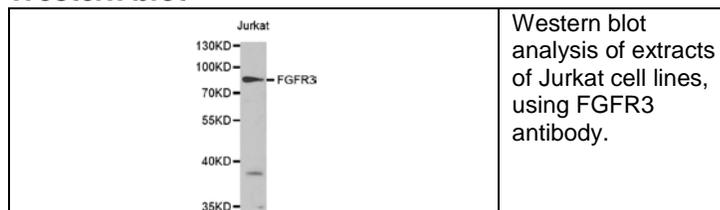
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Preparation

Polyclonal antibody is produced by immunizing rabbit with recombinant protein of human FGFR3 and purified using protein A resin.

Applications

Western blot



Storage

This antibody is shipped at 4 °C. This product is stable for 12 months from date of receipt when stored at -20 °C to -70 °C. Avoid freeze/thaw cycles.

Hazard/Biohazard

This antibody contains 0.02% sodium azide as preservative. Please handle and dispose the product properly. No known biohazard is associated with this product.