Product datasheet

Anti-FGFR2 Antibody (Clone#AAAD-6)

Catalog Number: *BM4991*

BOSTER
antibody and ELISA experts
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Basic Information

Product Name	Anti-FGFR2 Antibody (Clone#AAAD-6)
Gene Name	FGFR2
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, IP
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human FGFR2
Concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	145 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 ImmunoPrecipitation (IP):1:20

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

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 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 is a high-affinity receptor for acidic, basic and/or keratinocyte growth factor, depending on the isoform. Mutations in this gene are associated with Crouzon syndrome, Pfeiffer syndrome, Craniosynostosis, Apert syndrome, Jackson-Weiss syndrome, Beare-Stevenson cutis gyrata syndrome, Saethre-Chotzen syndrome, and syndromic craniosynostosis. Multiple alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

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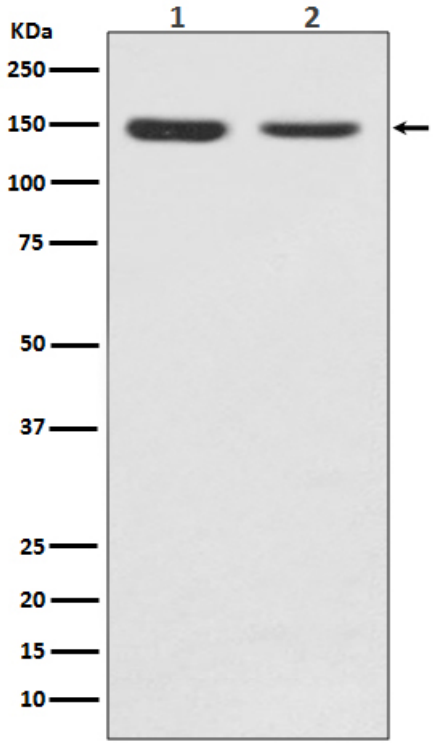
Reference

Anti-FGFR2 Antibody (Clone#AAAD-6)被引用在1文献中。

Selected Validation Data



Western blot analysis of FGFR2 expression in (1) MCF-7 cell lysate; (2) Mouse brain lysate.