Datasheet for ABIN3029719

anti-FGFR1 antibody (AA 132-161)

3 Images

Go to Product page

Overview

Quantity:	0.4 mL
Target:	FGFR1
Binding Specificity:	AA 132-161
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGFR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 132-161 from the human protein was used as the immunogen for this FGFR antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	FGFR1
Abstract:	FGFR1 Products
Background:	FGFR1 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

Target Details

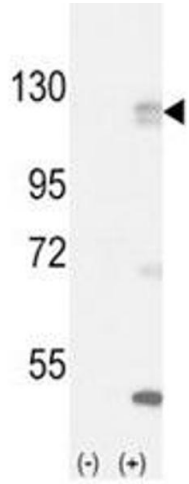
	protein consists of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment and a cytoplasmic tyrosine kinase domain. The extracellular portion of the protein interacts with fibroblast growth factors, setting in motion a cascade of downstream 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 can lead to Pfeiffer syndrome and Jackson-Weiss syndrome.
UniProt:	P11362
Pathways:	RTK Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Sensory Perception of Sound, Stem Cell Maintenance, S100 Proteins

Application Details

Application Notes:	Titration of the FGFR antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only

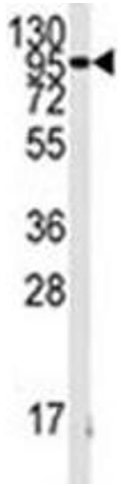
Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the FGFR antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



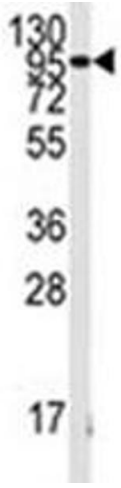
Western Blotting

Image 1. Western blot analysis of FGFR antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the FGFR1 gene (2).



Western Blotting

Image 2. Western blot analysis of FGFR antibody and K562 lysate. Predicted molecular weight: 75-160 kDa depending on glycosylation level.



Western Blotting

Image 3. Western blot analysis of FGFR antibody and K562 lysate. Predicted molecular weight: 75-160 kDa depending on glycosylation level.