

Datasheet for ABIN5647574
anti-FGFR1 antibody (AA 489-520)



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Overview

Quantity:	100 µg
Target:	FGFR1
Binding Specificity:	AA 489-520
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGFR1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Amino acids 489-520 (FGQVVLAEAIGLDKDKPNRVTKVAVKMLKSDA-human) were used as the immunogen for the FGFR1 antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	FGFR1
Alternative Name:	FGFR1 / Fibroblast growth factor receptor 1 (FGFR1 Products)
Background:	FGFR1, Fibroblast growth factor receptor 1, also known as basic fibroblast growth factor receptor 1, fms-related tyrosine kinase-2 / Pfeiffer syndrome, and CD331, is a receptor tyrosine kinase whose ligands are specific members of the fibroblast growth factor family. The FGFR1

Target Details

gene is localized to 8p12-p11.2 by in situ hybridization. FGFR1 is essential for the normal formation of the organ of Corti and that phenotype severity observed in FGFR1 mutants is dependent on the dose of FGFR1. Mutations in this gene have been associated with Pfeiffer syndrome, Jackson-Weiss syndrome, Antley-Bixler syndrome, osteoglophonic dysplasia, squamous cell lung cancer and autosomal dominant Kallmann syndrome 2.

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

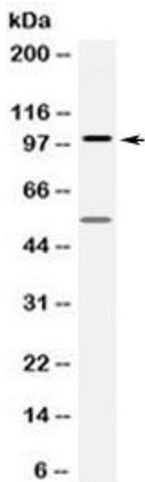
Application Details

Application Notes:	Optimal dilution of the FGFR1 antibody should be determined by the researcher.\. Western blot: 0.5-1 µg/mL
Restrictions:	For Research Use only

Handling

Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the FGFR1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of human HepG2 cell lysate with FGFR1 antibody at 0.5ug/ml. Predicted molecular weight: 75-160 kDa depending on glycosylation level