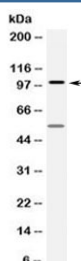


## FGFR1 Antibody / Fibroblast growth factor receptor 1 (R32578)

Catalog No.	Formulation	Size
R32578	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>UniProt</b>	P11362
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This FGFR1 antibody is available for research use only.



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

### Description

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 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.

### Application Notes

Optimal dilution of the FGFR1 antibody should be determined by the researcher.

## **Immunogen**

Amino acids 489-520 (FGQVVLAEAIGLDKDKPNRVTKVAVKMLKSDA-human) were used as the immunogen for the FGFR1 antibody.

## **Storage**

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.