

For Research Use Only

# FGFR2 Polyclonal antibody

Catalog Number: 25895-1-AP



## Basic Information

<b>Catalog Number:</b> 25895-1-AP	<b>GenBank Accession Number:</b> BC039243	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 287 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 2263	
<b>Source:</b> Rabbit	<b>Full Name:</b> fibroblast growth factor receptor 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 709 aa, 79 kDa	
<b>Immunogen Catalog Number:</b> AG23123		

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human

## Background Information

FGFR2 (Fibroblast growth factor receptor 2) is a tyrosine-protein kinase that acts as cell-surface receptor for fibroblast growth factors and plays an essential role in the regulation of cell proliferation, differentiation, migration and apoptosis. Ligand binding leads to the activation of several signaling pathway, such as RAS, MAPK1/ERK2, MAPK3/ERK1 and the MAP Kinase signaling pathway, as well as the AKT1 signaling pathway. Mutations in the gene of FGFR2 are associated with Crouzon syndrome, Pfeiffer syndrome, Craniosynostosis, Apert syndrome, Jackson-Weiss syndrome, Beare-Stevenson cutis gyrata syndrome, Saethre-Chotzen syndrome, and syndromic craniosynostosis.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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