

# FGFR2 Polyclonal antibody

Catalog Number: 25895-1-AP

## Basic Information

**Catalog Number:**

25895-1-AP

**Size:**

290 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG23123

**GenBank Accession Number:**

BC039243

**GeneID (NCBI):**

2263

**UNIPROT ID:**

P21802

**Full Name:**

fibroblast growth factor receptor 2

**Calculated MW:**

709 aa, 79 kDa

**Purification Method:**

Antigen affinity purification

## 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

