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**Product Name: Phospho-Flg/Bek (Tyr463/466) Rabbit Polyclonal Antibody****Catalog #: APRab04676**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	full length 120-140kDa,FOP-FGFR1 90kDa

**Antigen Information**

<b>Gene Name</b>	FGFR1/FGFR2 FGFR1; BFGFR; CEK; FGFBR; FLG; FLT2; HBGFR; Fibroblast growth factor receptor 1; FGFR-1;
<b>Alternative Names</b>	Basic fibroblast growth factor receptor 1; BFGFR; bFGF-R-1; Fms-like tyrosine kinase 2; FLT-2; N-sam; Proto-oncogene c-Fgr; CD antigen CD331; FGFR2; BE
<b>Gene ID</b>	2260/2263
<b>SwissProt ID</b>	P11362/P21802
<b>Immunogen</b>	Synthesized phospho-peptide around the phosphorylation site of human Flg/Bek (phospho Tyr463/466)

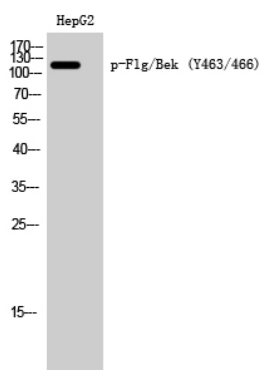
## Background

The protein encoded by this gene is a member of the fibroblast growth factor receptor (FGFR) 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 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.

## Research Area

MAPK\_ERK\_Growth;MAPK\_G\_Protein;Adherens\_Junction;Regulates Actin and Cytoskeleton;Pathways in cancer;Prostate cancer;Melanoma;

## Image Data



Western Blot analysis of HepG2 cells using Phospho-Flg/Bek ( Y463/466 ) Polyclonal Antibody