FGFR1 (Phospho Tyr654) Rabbit pAb

CatalogNo: YP0528 Orthogonal Validated

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse,Rat

Applications
- WB,IF,ELISA

MW
- 120kD (Calculated)

full length 120-140kD,FOP-FGFR1 90kD (Observed)

Isotype
- IgG

Storage

Storage*	-15°C to -25°C/1 year (Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-1:2000
IF 1:200-1:1000
ELISA 1:20000
Not yet tested in other applications.

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	The antiserum was produced against synthesized peptide derived from human FGFR1 around the phosphorylation site of Tyr654. AA range:626-675

Specificity Phospho-Flg (Y654) Polyclonal Antibody detects endogenous levels of Flg protein only when phosphorylated at Y654.The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):DYyKK

Target Information

Gene name FGFR1 BFGFR CEK FGFBR FLG FLT2 HBGFR

Protein Name Fibroblast growth factor receptor 1

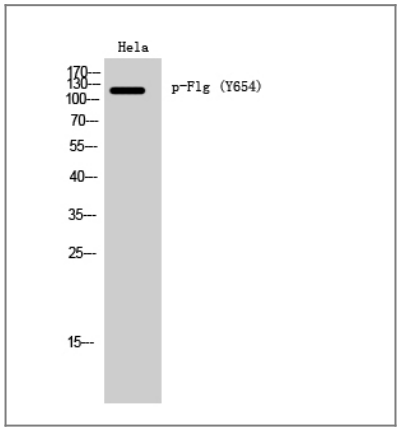
Organism	Gene ID	UniProt ID
Human	2260;	P11362;
Mouse	14182;	P16092;
Rat	79114;	Q04589;

Cellular Localization Cell membrane; Single-pass type I membrane protein. Nucleus. Cytoplasm , cytosol. Cytoplasmic vesicle. After ligand binding , both receptor and ligand are rapidly internalized. Can translocate to the nucleus after internalization , or by translocation from the endoplasmic reticulum or Golgi apparatus to the cytosol , and from there to the nucleus.

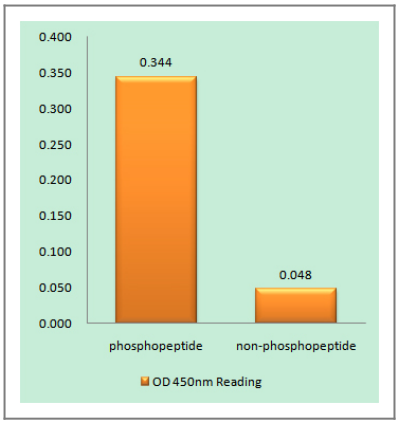
Tissue specificity Detected in astrocytoma , neuroblastoma and adrenal cortex cell lines. Some isoforms are detected in foreskin fibroblast cell lines , however isoform 17 , isoform 18 and isoform 19 are not detected in these cells.

Function Receptor for basic fibroblast growth factor. Receptor for FGF23 in the presence of KL (By similarity) . A shorter form of the receptor could be a receptor for FGF1 (aFGF) .

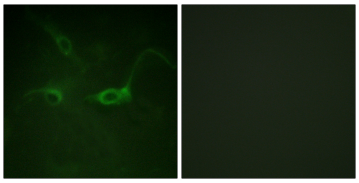
Validation Data



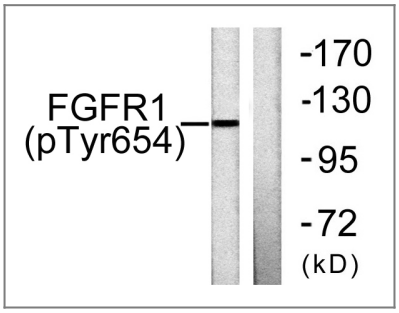
Western Blot analysis of Hela cells using Phospho-Flg (Y654) Polyclonal Antibody diluted at 1:1000



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using FGFR1 (Phospho-Tyr654) Antibody



Immunofluorescence analysis of COS7 cells, using FGFR1 (Phospho-Tyr654) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from 293 cells treated with Insulin 0.01U/ml 15', using FGFR1 (Phospho-Tyr654) Antibody. The lane on the right is blocked with the phospho peptide.

Contact information

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Please scan the QR code to access additional product information:
FGFR1 (Phospho Tyr654) Rabbit pAb

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