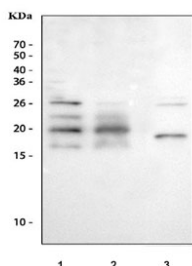


FGF2 Antibody (R31921)

Catalog No.	Formulation	Size
R31921	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P09038
Applications	Western Blot : 0.5-1ug/ml
Limitations	This FGF2 antibody is available for research use only.



Western blot testing of 1) human HeLa, 2) human SK-O-V3 and 3) rat lung tissue lysate with FGF2 antibody. Predicted molecular weight ~31/23/17/21 kDa (isoforms 1/2/3/4).

Description

FGF2 has been implicated in a multitude of physiologic and pathologic processes, including limb development, angiogenesis, wound healing, and tumor growth. Human FGF2 shares 96% and 97% amino acid sequence homology with mouse and rat respectively. FGF2 belongs to the fibroblast growth factor (FGF) family. Fibroblast growth factors (FGFs) exhibit widespread mitogenic and neurotrophic activities. Nine members of the family are currently known, and FGF-1 and FGF-2 are present in relatively high levels in CNS. FGF-2 is expressed by at low levels in many tissues and cell types and reaches high concentrations in brain and pituitary.

Application Notes

Optimal dilution of the FGF2 antibody should be determined by the researcher.

Immunogen

Amino acids KEDGRLLASKCVTDECFFFERLESNNYNTYR of human FGF2 were used as the immunogen for the FGF2 antibody.

Storage

After reconstitution, the FGF2 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.