

Datasheet for ABIN3030934
anti-FGF2 antibody (AA 143-288)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	FGF2
Binding Specificity:	AA 143-288
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGF2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA (Standard)

Product Details

Immunogen:	Human partial recombinant protein (AA 143-288) was used as the immunogen for this FGF2 antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	FGF2
Alternative Name:	FGF2 (FGF2 Products)
Background:	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 %

Target Details

and 97 % amino acid sequence homology with mouse and rat respectively. It belongs to the fibroblast growth factor (FGF) family. FGFs exhibit widespread mitogenic and neurotrophic activities. Nine members of the family are currently known, and FGF1 and -2 are present in relatively high levels in CNS. FGF2 is expressed at low levels in many tissues and cell types and reaches high concentrations in brain and pituitary.

UniProt: [P09038](#)

Pathways: [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [C21-Steroid Hormone Metabolic Process](#), [Inositol Metabolic Process](#), [Glycosaminoglycan Metabolic Process](#), [Protein targeting to Nucleus](#), [S100 Proteins](#)

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the FGF2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot (recombinant protein): 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL,ELISA: 0.1-0.5 µg/mL

Restrictions: For Research Use only

Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

Storage Comment: 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.



Western Blotting

Image 1. Western blot testing of FGF2 antibody and human recombinant protein (0.5ng)



Western Blotting

Image 2. Western blot testing of FGF2 antibody and human recombinant protein: 1) 10ng/lane, 2) 5ng/lane, 3) 2.5ng/lane.