

## Basic Information

Product Name	Anti-FGF2 Antibody	
Gene Name	FGF2	
Source	Rabbit	
Isotype	IgG	
Species Reactivity	human, mouse, rat	
Tested Application	WB, IHC, ICC/IF	
Contents	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg BSA and 50% glycerol.	
Immunogen	A synthetic peptide corresponding to a sequence of human FGF2 (RSRKYTSWYVALKRT).	
concentration	500 ug/ml	
Purification	Immunogen affinity purified.	
Observed MW	18KD	
Dilution Ratios	Western blot(WB): 1:500-2000 Immunohistochemistry in paraffin section (IHC): 1:50-400 Immunocytochemistry/Immunofluorescence (ICC/IF): 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer, pH6.0, or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.	

## Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

## Background Information

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.

## Reference

Anti-FGF2 Antibody被引用在3文献中。

## Selected Validation Data

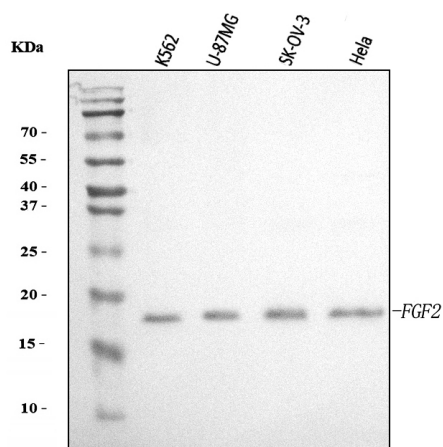


Figure 1. Western blot analysis of anti- FGF2 Antibody (A00121-3).

The sample well of each lane was loaded with 50ug of sample under reducing conditions.

Lane 1: U2OS whole cell lysates,

Lane 2: U-87MG whole cell lysates,

Lane 3: SK-OV-3 whole cell lysates,

Lane 4: HeLa whole cell lysates.

Use rabbit anti- FGF2 1:1000, probed with a goat anti-rabbit IgG-HRP secondary antibody. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002). A specific band was detected for FGF2 at approximately 18KD. The expected band size for FGF2 is at 31KD.