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anti-FGF2 antibody



Images



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Quantity:	200 μL
Target:	FGF2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGF2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
Product Details	
Immunogen:	Recombinant fusion protein of human FGF2 (NP_001997.5).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification
Target Details	
Target:	FGF2
Alternative Name:	FGF2 (FGF2 Products)
Background:	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members bind heparin and possess broad mitogenic and angiogenic activities. This protein has been implicated in diverse biological processes, such as limb and nervous system

development, wound healing, and tumor growth. The mRNA for this gene contains multiple

Target Details

polyadenylation s	sites, and is alternatively translated from non-AUG (CUG) and AUG initiation
codons, resulting	in five different isoforms with distinct properties. The CUG-initiated isoforms
are localized in th	ne nucleus and are responsible for the intracrine effect, whereas, the AUG-
initiated form is n	nostly cytosolic and is responsible for the paracrine and autocrine effects of
this FGF.	
Observed_MW: 20	O kDa

Molecular Weight:

Calculated_MW: 17 kDa/21 kDa/22 kDa/30 kDa

Gene ID:

2247

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

Storage Comment:

Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Concentration: 1 mg/mL

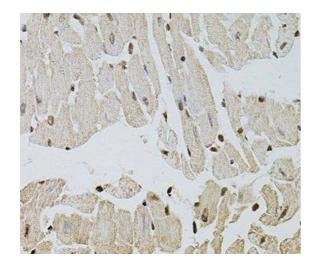
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

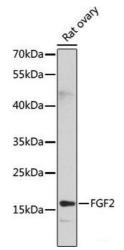
Storage: -20 °C

Store at -20°C. Avoid freeze / thaw cycles.



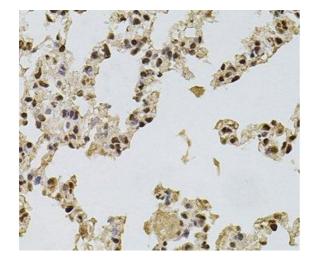
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Mouse heart using FGF2 Polyclonal Antibody at dilution of 1:100 (40x lens).



Western Blotting

Image 2. Western blot analysis of extracts of Rat ovary using FGF2 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Rat lung using FGF2 Polyclonal Antibody at dilution of 1:100 (40x lens).

Please check the product details page for more images. Overall 6 images are available for ABIN7254815.