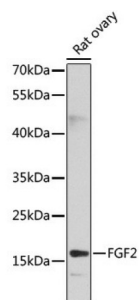
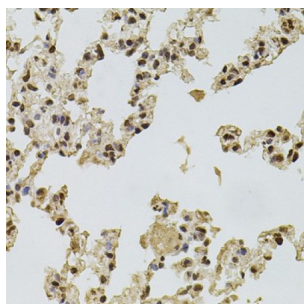


Fibroblast Growth Factor 2 (FGF2) Antibody

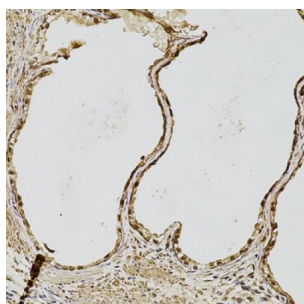
Catalogue No.: abx000620



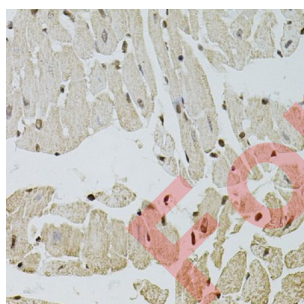
Western blot analysis of extracts of Rat ovary using FGF2 Antibody (1/1000 dilution).



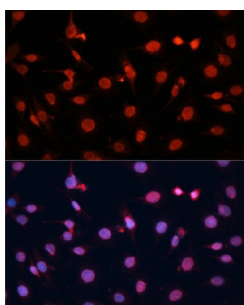
Immunohistochemistry of paraffin-embedded Rat lung using FGF2 Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Human prostate using FGF2 Antibody (1/100 dilution, 20x lens).



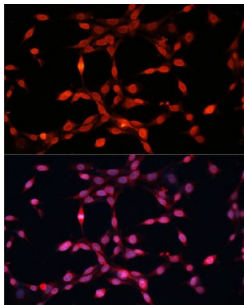
Immunohistochemistry of paraffin-embedded Mouse heart using FGF2 Antibody (1/100 dilution, 40x lens).



Immunofluorescence analysis of C6 cells using FGF2 Antibody (1/100 dilution, 40x lens). Blue: DAPI for nuclear staining.

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Immunofluorescence analysis of NIH-3T3 cells using FGF2 Antibody (1/100 dilution, 40x lens). Blue: DAPI for nuclear staining.

Fibroblast Growth Factor 2 (FGF2) Antibody is a Rabbit Polyclonal antibody against Fibroblast Growth Factor 2 (FGF2). 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 polyadenylation 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 the nucleus and are responsible for the intracrine effect, whereas, the AUG-initiated form is mostly cytosolic and is responsible for the paracrine and autocrine effects of this FGF.

Target:	Fibroblast Growth Factor 2 (FGF2)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB, IHC, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human FGF2
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P09038 (UniProt , ExpASY) P15655 (UniProt , ExpASY) P13109 (UniProt , ExpASY)
Gene Symbol:	FGF2

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GeneID:	2247 14173 54250
OMIM:	134920
NCBI Accession:	NP_001997.5, NM_002006.4
HGNC:	3676
Ensembl:	ENSG00000138685, ENSMUSG00000037225, ENSRNORG00000017392
String:	9606.ENSP00000264498 10090.ENSMUSP00000037694 10116.ENSRNOP00000023388
Molecular Weight:	Calculated MW: 17 kDa/21 kDa/22 kDa/30 kDa Observed MW: 20 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.