

Rabbit FGF2 Polyclonal Antibody | anti-FGF2 antibody

(KO Validated) FGF2 Polyclonal Antibody

CATALOG # AAA179575	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
-------------------------------	-----------------------	--	-------------------------------------

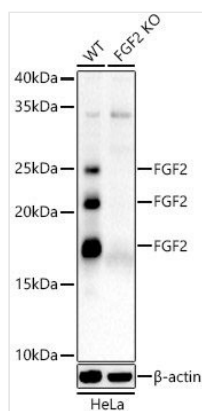
PRODUCT SYNONYMS

FGF2; Polyclonal Antibody; (KO Validated) FGF2 Polyclonal Antibody; BFGF; FGF-2; FGFβ; HBGF-2; fibroblast growth factor 2; anti-FGF2 antibody

PRODUCT SPECIFICATIONS

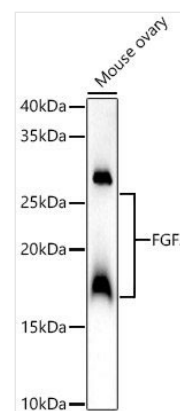
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-FGF2 antibody	WB (Western Blot)
Immunogen	A synthetic peptide of human FGF2
Research Area	Cancer, Cardiovascular, Developmental Biology, Neuroscience, Signal Transduction, Stem Cells
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from wild type (WT) and FGF2 knockout (KO) HeLa cells using FGF2 Polyclonal Antibody at 1:2000 dilution.



WB (Western Blot)

Western blot analysis of Mouse ovary using FGF2 Polyclonal Antibody at 1:2500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-FGF2 antibody	The protein encoded by this gene is 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) andug initiation codons, resulting in five different isoforms with distinct properties. Theug-initiated isoforms are localized in the nucleus and are responsible for the intracrine effect, whereas, theug-initiated form is mostly cytosolic and is responsible for the paracrine and autocrine effects of this FGF.
Product Categories/Family for anti-FGF2 antibody	Antibodies; Primary Antibodies; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	56068041
NCBI GeneID	2247
UniProt Accession #	P09038; O00527; P78443; Q16443; Q5PY50; Q7KZ11; Q7KZ72; Q9UC54; Q9UCS5; Q9UCS6; A4LBB8
Molecular Weight	30,770 Da
NCBI Official Full Name	basic fibroblast growth factor, partial
NCBI Official Synonym Full Names	fibroblast growth factor 2 (basic)
NCBI Official Symbol	FGF2
NCBI Official Synonym Symbols	BFGF; FGFB; FGF-2; HBGF-2
NCBI Protein Information	fibroblast growth factor 2; prostatropin; heparin-binding growth factor 2; basic fibroblast growth factor bFGF
UniProt Protein Name	Fibroblast growth factor 2
UniProt Gene Name	FGF2
UniProt Synonym Gene Names	FGFB; FGF-2; bFGF; HBGF-2
UniProt Entry Name	FGF2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.