# antibodies - online.com







## anti-FGF4 antibody (AA 31-206)



Image



#### Overview

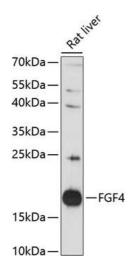
Quantity:	100 μL
Target:	FGF4
Binding Specificity:	AA 31-206
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGF4 antibody is un-conjugated
Application:	Western Blotting (WB)

#### **Product Details**

Purpose:	FGF4 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 31-206 of human FGF4 (NP_001998.1).
Sequence:	APTAPNGTLE AELERRWESL VALSLARLPV AAQPKEAAVQ SGAGDYLLGI KRLRRLYCNV GIGFHLQALP DGRIGGAHAD TRDSLLELSP VERGVVSIFG VASRFFVAMS SKGKLYGSPF FTDECTFKEI LLPNNYNAYE SYKYPGMFIA LSKNGKTKKG NRVSPTMKVT HFLPRL
Isotype:	IgG
Cross-Reactivity:	Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

### **Target Details**

Target:	FGF4
Alternative Name:	FGF4 (FGF4 Products)
Background:	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF
	family members possess broad mitogenic and cell survival activities and are involved in a
	variety of biological processes including embryonic development, cell growth, morphogenesis,
	tissue repair, tumor growth and invasion. This gene was identified by its oncogenic
	transforming activity. This gene and FGF3, another oncogenic growth factor, are located closely
	on chromosome 11. Co-amplification of both genes was found in various kinds of human
	tumors. Studies on the mouse homolog suggested a function in bone morphogenesis and limb
	development through the sonic hedgehog (SHH) signaling pathway.,FGF4,HBGF-4,HST,HST-
	1,HSTF1,K-FGF,KFGF,Cancer,Signal Transduction,Cell Biology & Developmental
	Biology,Apoptosis,Growth factor,Stem Cells,Cardiovascular,Angiogenesis,FGF4
Molecular Weight:	12kDa/22kDa
Gene ID:	2249
UniProt:	P08620
Pathways:	RTK Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin
	Signaling Pathway, Stem Cell Maintenance
Application Details	
Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



#### **Western Blotting**

**Image 1.** Western blot analysis of extracts of rat liver, using FGF4 antibody (ABIN7267187) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.