

Datasheet for ABIN6140606  
**anti-FGF9 antibody (AA 1-208)**

## 2 Images

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## Overview

Quantity:	100 µL
Target:	FGF9 (FGF-9)
Binding Specificity:	AA 1-208
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGF9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-208 of human FGF9 (NP_002001.1).
Sequence:	MAPLGEVGN Y FGVQDAVPFG NVPVLPVDSP VLLSDHLGQS EAGGLPRGPA VTDLDHLKGI LRRRQLYCRT GFHLEIFPNG TIQGTRKDHS RFGILEFISI AVGLVSIRGV DSGLYLGMNE KGELYGSEKL TQECVFREQF EENWYNTYSS NLYKHVDTGR RYYVALNKDG TPREGTRTKR HQQFTHFLPR PVDPDKVPEL YKDILSQS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

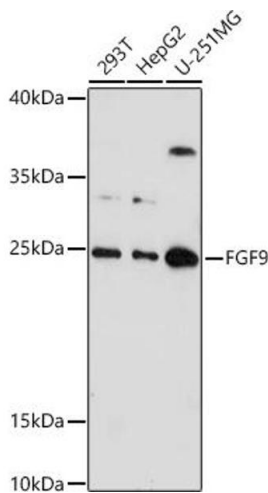
Target:	FGF9 (FGF-9)
Alternative Name:	FGF9 ( <a href="#">FGF-9 Products</a> )
Background:	<p>The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein was isolated as a secreted factor that exhibits a growth-stimulating effect on cultured glial cells. In nervous system, this protein is produced mainly by neurons and may be important for glial cell development. Expression of the mouse homolog of this gene was found to be dependent on Sonic hedgehog (Shh) signaling. Mice lacking the homolog gene displayed a male-to-female sex reversal phenotype, which suggested a role in testicular embryogenesis.</p> <p>FGF9,FGF-9,GAF,HBFG-9,HBGF-9,SYNS3,Signal Transduction,Cell Biology &amp; Developmental Biology,Growth factor,Neuroscience,Cardiovascular,Angiogenesis,FGF9</p>
Molecular Weight:	23 kDa
Gene ID:	2254
UniProt:	<a href="#">P31371</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:100,IF,1:50 - 1:100
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

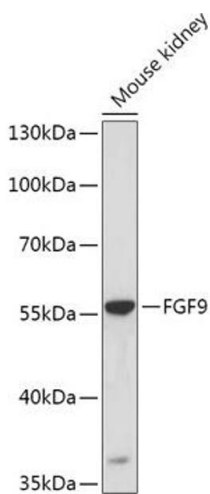
## Handling

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 various cell lines, using FGF9 antibody (ABIN6130388, ABIN6140606, ABIN6140607 and ABIN6221994) at 1:1000 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: 180s.



#### Western Blotting

**Image 2.** Western blot analysis of extracts of Mouse kidney, using FGF9 antibody (ABIN6130388, ABIN6140606, ABIN6140607 and ABIN6221994) at 1:1000 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: 90s.