



## Anti-FGF9 (aa 99-208) polyclonal antibody (DPAB-DC981)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	FGF9 (NP_002001, 99 a.a. ~ 208 a.a) partial recombinant protein with GST tag. The sequence is  SIAVGLVSIRGVDSGLYLGMEKGELYGSEKLTQECVFREQFEENWYNTYSSNLYKHVDT GRRYYVALNKDGTPREGTRKRHQKFTHFLPRPVDPDKVPELYKDILSQS
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">FGF9 fibroblast growth factor 9 [ Homo sapiens (human) ]</a>
Official Symbol	FGF9
Synonyms	FGF9; fibroblast growth factor 9; GAF; FGF-9; SYNS3; HBFG-9; HBGF-9; heparin-binding growth factor 9; fibroblast growth factor 9 (glia-activating factor);
Entrez Gene ID	<a href="#">2254</a>
Protein Refseq	<a href="#">NP_002001</a>
UniProt ID	<a href="#">P31371</a>
Chromosome Location	13q11-q12
Pathway	Activated point mutants of FGFR2; Constitutive PI3K/AKT Signaling in Cancer; DAP12 signaling; Downstream signal transduction
Function	fibroblast growth factor receptor binding; growth factor activity; heparin binding;