



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

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

GENE INFORMATION

Gene Name	FGF9 fibroblast growth factor 9 [Homo sapiens (human)]
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	2254
Protein Refseq	NP_002001
UniProt ID	P31371
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;