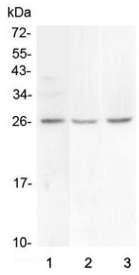
FGF9 Antibody (RQ4461)

Catalog No.	Formulation	Size
RQ4461	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P31371
Localization	Secreted
Applications	Western Blot : 0.5-1ug/ml
Limitations	This FGF9 antibody is available for research use only.



Western blot testing of 1) human COLO-320, 2) rat brain and 3) mouse brain lysate with FGF9 antibody at 0.5ug/ml. Predicted molecular weight ~23 kDa with a possible 45-55 kDa dimer.

Description

FGF 9, Fibroblast growth factor 9, is a protein that in humans is encoded by the FGF9 gene. The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. The FGF 9 gene contains 3 exons. By radioactive chromosomal in situ hybridization, the FGF 9 gene is mapped to chromosome 13q11-q12. 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.

Application Notes

Optimal dilution of the FGF9 antibody should be determined by the researcher.

Immunogen

Amino acids DHLGQSEAGGLPRGPAVTDLDHLKGILRRRQLY were used as the immunogen for the FGF9 antibody.

Storage

After reconstitution, the FGF9 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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