

Datasheet for ABIN3044402
anti-FGF9 antibody (Middle Region)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	FGF9 (FGF-9)
Binding Specificity:	AA 150-164, Middle Region
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGF9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Fibroblast growth factor 9(FGF9) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence in the middle region of human FGF9(150-164aa SNLYKHVDTGRRYYV), identical to the related mouse and rat sequences.
Sequence:	SNLYKHVDTG RRYV
Isotype:	IgG
Cross-Reactivity (Details):	<p>Predicted Cross Reactivity: mouse</p> <p>No cross reactivity with other proteins.</p> <p>Predicted Cross Reactivity: Species predicted to be fit for the product based on sequence similarities.</p>
Characteristics:	Rabbit IgG polyclonal antibody for Fibroblast growth factor 9(FGF9) detection. Tested with WB,

Product Details

IHC-P in Human,Mouse,Rat.

Gene Name: fibroblast growth factor 9(glia-activating factor)

Protein Name: Fibroblast growth factor 9(FGF-9)

Purification: Immunogen affinity purified.

Target Details

Target: FGF9 (FGF-9)

Alternative Name: FGF9 ([FGF-9 Products](#))

Background: 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.

Synonyms: FGF 9 antibody|FGF-9 antibody|FGF9 antibody|FGF9_HUMAN antibody|Fibroblast Growth Factor 9 antibody|GAF antibody|Glia Activating Factor antibody|Glia-activating factor antibody|HBFG 9 antibody|HBFG9 antibody|HBGF-9 antibody|Heparin-binding growth factor 9 antibody|MGC119914 antibody|MGC119915 antibody

UniProt: [P31371](#)

Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Rat, Predicted Species: Mouse
IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Rat, Predicted Species: Mouse, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.
Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested.
Optimal dilutions should be determined by end users.

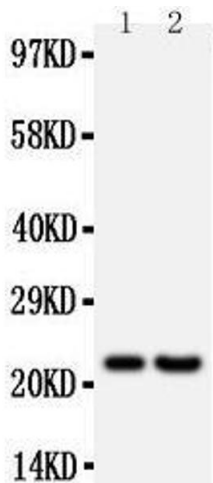
Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).

Restrictions: For Research Use only

Handling

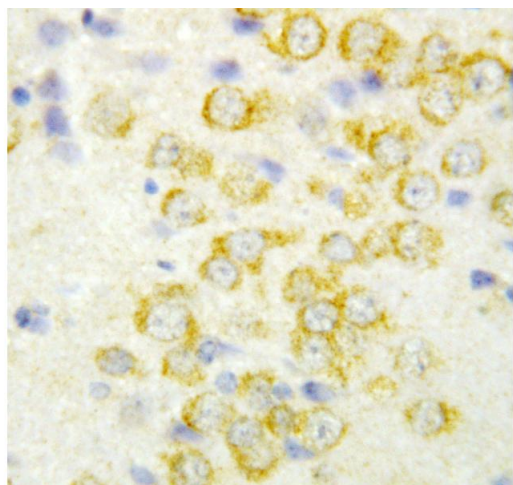
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
Expiry Date:	12 months

Images



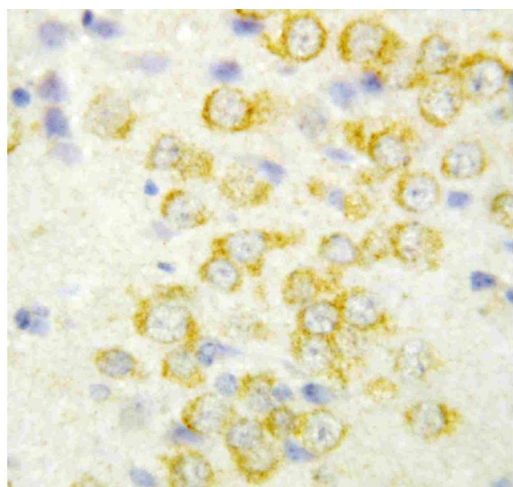
Western Blotting

Image 1. Anti-FGF9 antibody, Western blotting All lanes: Anti FGF9 at 0.5ug/ml Lane 1: Rat Brain Tissue Lysate at 50ug Lane 2: HELA Whole Cell Lysate at 40ug Predicted bind size: 23KD Observed bind size: 23KD



Immunohistochemistry

Image 2. Anti-FGF9 antibody, IHC(P) IHC(P): Rat Brain Tissue



Immunohistochemistry

Image 3. Anti-FGF9 antibody, IHC(P): Rat Brain Tissue