Datasheet for ABIN7431986

anti-FGF2 antibody (AA 159-288)

6 Images

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Overview

Quantity:	100 µL
Target:	FGF2
Binding Specificity:	AA 159-288
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGF2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Fibroblast Growth Factor 2, Basic (FGF2)
Immunogen:	Recombinant Fibroblast Growth Factor 2, Basic (FGF2) corresdonding to Phe159~Ser288 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against FGF2. It has been selected for its ability to recognize FGF2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

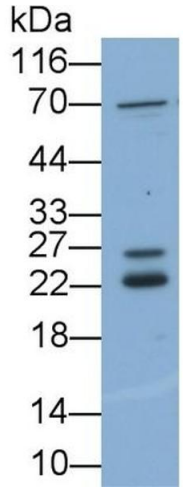
Target:	FGF2
Alternative Name:	Fibroblast Growth Factor 2, Basic (FGF2 Products)
Background:	B-FGF, BFGF, FGFB, HBGH-2, Basic Fibroblast Growth Factor, Heparin-binding growth factor 2
Pathways:	RTK Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, C21-Steroid Hormone Metabolic Process, Inositol Metabolic Process, Glycosaminoglycan Metabolic Process, Protein targeting to Nucleus, S100 Proteins

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

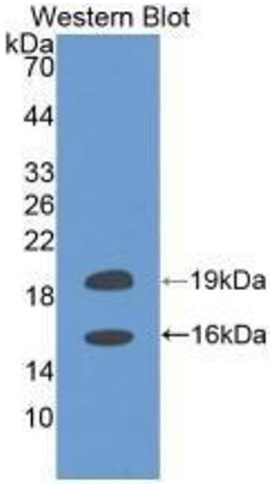
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



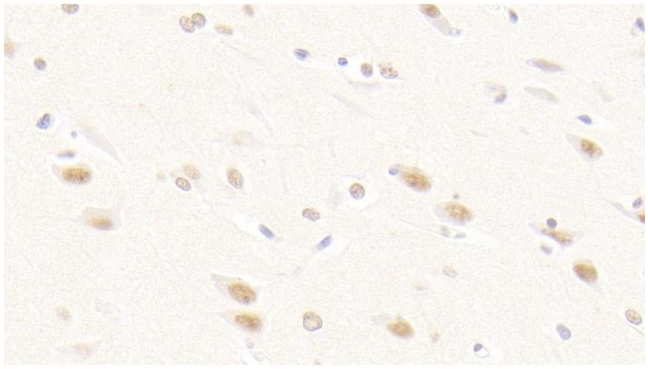
Western Blotting

Image 1. Detection of FGF2 in Hela cell lysate using Polyclonal Antibody to Fibroblast Growth Factor 2, Basic (FGF2)



Western Blotting

Image 2. Detection of Recombinant FGF2, Human using Polyclonal Antibody to Fibroblast Growth Factor 2, Basic (FGF2)



Immunohistochemistry

Image 3. Detection of FGF2 in Human Cerebrum Tissue using Polyclonal Antibody to Fibroblast Growth Factor 2, Basic (FGF2)

Please check the product details page for more images. Overall 6 images are available for ABIN7431986.