

Datasheet for ABIN7426910
anti-FGF13 antibody (AA 108-227)

3 Images

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Overview

Quantity:	100 µL
Target:	FGF13
Binding Specificity:	AA 108-227
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FGF13 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Monoclonal Antibody to Fibroblast Growth Factor 13 (FGF13)
Immunogen:	Recombinant Fibroblast Growth Factor 13 (FGF13) corresponding to Gly108~Arg227 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a mouse monoclonal antibody raised against FGF13. It has been selected for its ability to recognize FGF13 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	FGF13
Alternative Name:	Fibroblast Growth Factor 13 (FGF13 Products)
Background:	FHF2, Fibroblast Growth Factor Homologous Factor 2
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL 1:500-5000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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

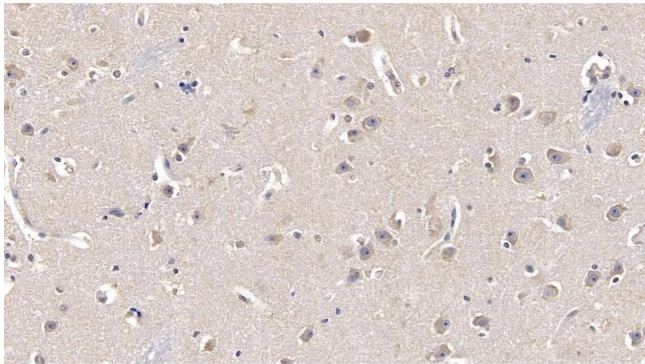
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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 FGF13 in Porcine Cerebrum lysate using Monoclonal Antibody to Fibroblast Growth Factor 13 (FGF13)



Immunohistochemistry

Image 2. Detection of FGF13 in Human Cerebrum Tissue using Monoclonal Antibody to Fibroblast Growth Factor 13 (FGF13)



Western Blotting

Image 3. Detection of FGF13 in Rat Cerebrum lysate using Monoclonal Antibody to Fibroblast Growth Factor 13 (FGF13)