

Datasheet for ABIN2854302

**anti-FGF12 antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	FGF12
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGF12 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human FGF12. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Rabbit Polyclonal antibody to FGF12 (fibroblast growth factor 12) FGF12 antibody
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	FGF12
Alternative Name:	fibroblast growth factor 12 ( <a href="#">FGF12 Products</a> )

## Target Details

**Background:** 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 growth factor lacks the N-terminal signal sequence present in most of the FGF family members, but it contains clusters of basic residues that have been demonstrated to act as a nuclear localization signal. When transfected into mammalian cells, this protein accumulated in the nucleus, but was not secreted. The specific function of this gene has not yet been determined. Two alternatively spliced transcript variants encoding distinct isoforms have been reported.

Cellular Localization: Nucleus

**Molecular Weight:** 27 kDa

**Gene ID:** 2257

**UniProt:** [P61328](#)

**Pathways:** [Negative Regulation of Transporter Activity](#)

## Application Details

**Application Notes:** WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.  
Not tested in other applications.

**Comment:** Positive Control: Mouse brain

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 1.01 mg/mL

**Buffer:** 0.1M Tris-Glycine ( pH 7), 20 % Glycerol, 0.01 % Thimerosal

**Preservative:** Thimerosal (Merthiolate)

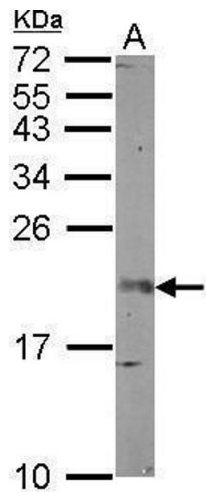
**Precaution of Use:** This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C,-20 °C

**Storage Comment:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage

(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Validation report #104404 for Cleavage Under Targets and Release Using Nuclease (CUT&RUN)



**Western Blotting**

**Image 1.** WB Image Sample (50 ug of whole cell lysate) A: mouse brain 12% SDS PAGE antibody diluted at 1:1000