

Datasheet for ABIN2854900
anti-FGF10 antibody



[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	FGF10
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGF10 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human FGF10. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Rabbit Polyclonal antibody to FGF10 (fibroblast growth factor 10) FGF10 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	FGF10
Alternative Name:	fibroblast growth factor 10 (FGF10 Products)

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 protein exhibits mitogenic activity for keratinizing epidermal cells, but essentially no activity for fibroblasts, which is similar to the biological activity of FGF7. Studies of the mouse homolog of suggested that this gene is required for embryonic epidermal morphogenesis including brain development, lung morphogenesis, and initiation of limb bud formation. This gene is also implicated to be a primary factor in the process of wound healing.

Cellular Localization: Secreted

Molecular Weight:	23 kDa
Gene ID:	2255
UniProt:	O15520
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Stem Cell Maintenance , Tube Formation , Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	WB: 1:500-1:10000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: HUVEC , synovial fibroblast , Rat2
Restrictions:	For Research Use only

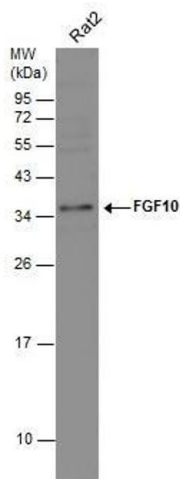
Handling

Format:	Liquid
Concentration:	0.31 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % 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.

Handling

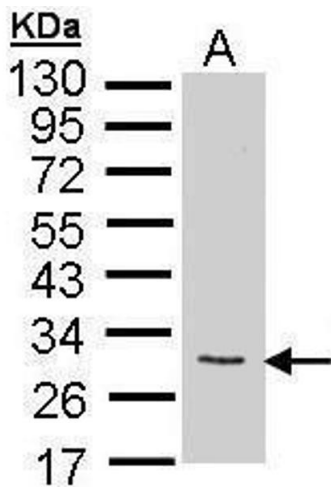
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



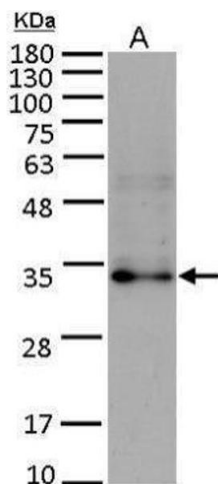
Western Blotting

Image 1. WB Image Whole cell extract (30 µg) was separated by 12% SDS-PAGE, and the membrane was blotted with FGF10 antibody , diluted at 1:1000.



Western Blotting

Image 2. WB Image Sample (35 ug of whole cell lysate) A: synovial fibroblast 12% SDS PAGE antibody diluted at 1:1000



Western Blotting

Image 3. WB Image Sample (15 ug of whole cell lysate) A: HUVEC antibody diluted at 1:5000