

Datasheet for ABIN3021706  
**anti-FGF10 antibody (AA 40-208)****2** Images**1** Publication[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	FGF10
Binding Specificity:	AA 40-208
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGF10 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 40-208 of human FGF10 (NP_004456.1).
Sequence:	LGQDMVSPEA TNSSSSFSS PSSAGRHVRS YNHLQGDVRW RKLFSFTKYF LKIEKNGKVS GTKKENCPYS ILEITSVEIG VVAVKAINSN YYLAMNKKGK LYGSKEFNND CKLKERIEEN GYNTYASFNW QHNGRQMYVA LNGKGAPRRG QKTRRKNTSA HFLPMVVHS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	FGF10
Alternative Name:	FGF10 ( <a href="#">FGF10 Products</a> )
Background:	<p>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.,FGF10,Cancer,Signal Transduction,Cell Biology &amp; Developmental Biology,Growth factor,Immunology &amp; Inflammation,Cytokines,Stem Cells,Embryonic Stem Cells,Cardiovascular,Angiogenesis,FGF10</p>
Molecular Weight:	23 kDa
Gene ID:	2255
UniProt:	<a href="#">O15520</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Stem Cell Maintenance</a> , <a href="#">Tube Formation</a> , <a href="#">Positive Regulation of Response to DNA Damage Stimulus</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles

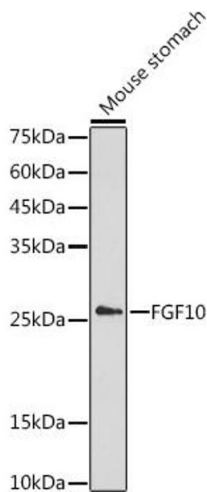
Handling

Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Publications

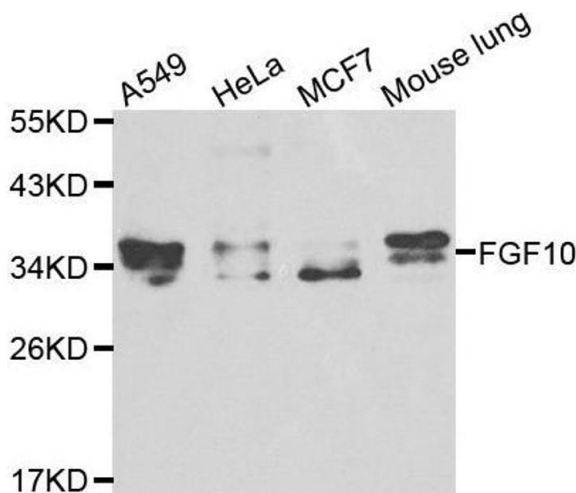
Product cited in:	Chang, Lin, Fu, Wang, Han, Fan: "MicroRNA-195-5p Regulates Osteogenic Differentiation of Periodontal Ligament Cells Under Mechanical Loading." in: <b>Journal of cellular physiology</b> , Vol. 232, Issue 12, pp. 3762-3774, (2017) ( <a href="#">PubMed</a> ).
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Images



Western Blotting

**Image 1.** Western blot analysis of extracts of Mouse stomach, using FGF10 antibody (ABIN3021705, ABIN3021706, ABIN3021707 and ABIN6215566) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 180s.



Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using FGF10 antibody.