

Datasheet for ABIN654152  
**anti-FGF7 antibody (AA 57-86)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	FGF7
Binding Specificity:	AA 57-86
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGF7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This FGF7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 57-86 amino acids from the Central region of human FGF7.
Clone:	RB24012
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat, Sh
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	FGF7
Alternative Name:	FGF7 ( <a href="#">FGF7 Products</a> )

## Target Details

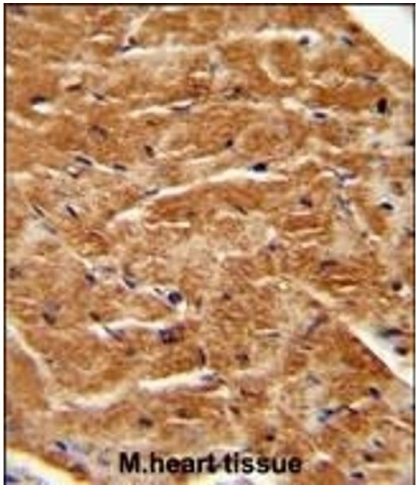
Background:	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein is a potent epithelial cell-specific growth factor, whose mitogenic activity is predominantly exhibited in keratinocytes but not in fibroblasts and endothelial cells. Studies of mouse and rat homologs of this gene implicated roles in morphogenesis of epithelium, reepithelialization of wounds, hair development and early lung organogenesis.
Molecular Weight:	22509
Gene ID:	2252
NCBI Accession:	<a href="#">NP_002000</a>
UniProt:	<a href="#">P21781</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>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

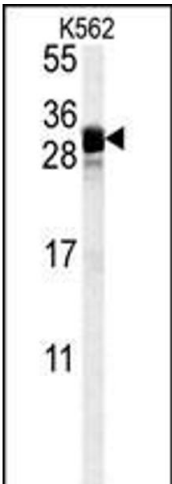
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** FGF7 antibody (Center) (ABIN654152 and ABIN2844021) immunohistochemistry analysis in formalin fixed and paraffin embedded human M.heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FGF7 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

**Image 2.** FGF7 Antibody (Center) (ABIN654152 and ABIN2844021) western blot analysis in K562 cell line lysates (35 µg/lane). This demonstrates the FGF7 antibody detected the FGF7 protein (arrow).