

Datasheet for ABIN952314
anti-FGF7 antibody (Middle Region)

2 Images

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Overview

Quantity:	0.4 mL
Target:	FGF7
Binding Specificity:	AA 64-94, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGF7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 64-94 amino acids from the Central region of human FGF7
Isotype:	Ig Fraction
Purification:	Affinity chromatography on Protein A

Target Details

Target:	FGF7
Alternative Name:	FGF7 / KGF (FGF7 Products)
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

Target Details

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. Synonyms: Fibroblast growth factor 7, HBGF7, Heparin-binding growth factor 7, Keratinocyte growth factor

Molecular Weight: 22509 Da

Gene ID: 2252

NCBI Accession: [NP_002000](#)

Pathways: [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS, 0.09 % (W/V) sodium azide

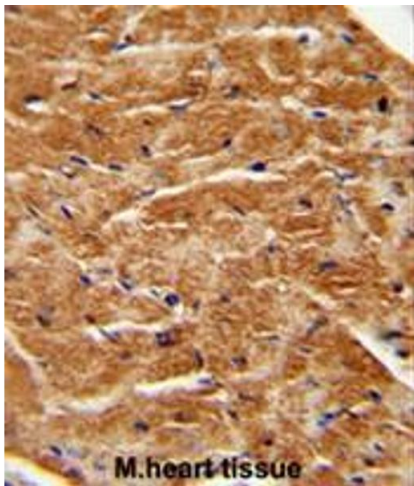
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

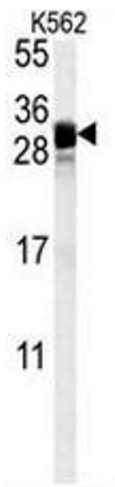
Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. FGF7 antibody (Center) 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) western blot analysis in K562 cell line lysates (35µg/lane). This demonstrates the FGF7 antibody detected the FGF7 protein (arrow).