Datasheet for ABIN360398

anti-FGF10 antibody (C-Term)

1 Image | 1 Publication

Go to Product page

Overview

Quantity:	0.4 mL
Target:	FGF10
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGF10 antibody is un-conjugated
Application:	Enzyme Immunoassay (EIA), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human FGF10.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to FGF10.
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Target Details

Target:	FGF10
Alternative Name:	FGF10 (FGF10 Products)
Background:	FGF10 is a member of the fibroblast growth factor (FGF) family. FGF family members possess

Target Details

	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 lim bud formation. This protein is also implicated to be a primary factor in the process of wound healing.Synonyms: FGF-10, Fibroblast growth factor 10, KGF2, Keratinocyte growth factor 2
Gene ID:	2255, 9606
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:	ELISA: 1/1,000. Immunohistochemistry: 1/10 - 1/50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	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.
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.

Publications

Product cited in:

El Agha, Moiseenko, Kheirollahi, De Langhe, Crnkovic, Kwapiszewska, Kosanovic, Schwind, Schermuly, Henneke, MacKenzie, Quantius, Herold, Ntokou, Ahlbrecht, Morty, Günther, Seeger, Bellusci: "Two-Way Conversion between Lipogenic and Myogenic Fibroblastic Phenotypes Marks the Progression and Resolution of Lung Fibrosis." in: **Cell stem cell**, Vol. 20, Issue 2, pp. 261-273.e3, (2016) (PubMed).

Images

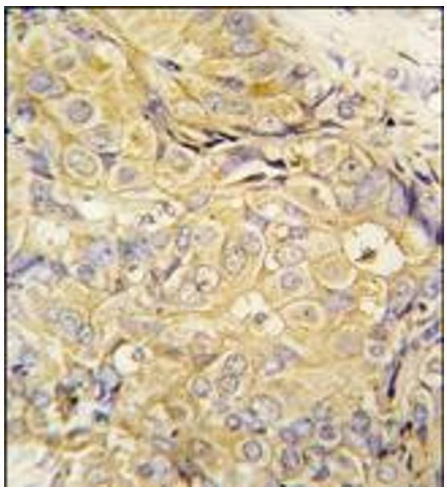

Image 1.