

FGF10 Antibody

Catalog No: #32224

Package Size: #32224-1 50ul #32224-2 100ul

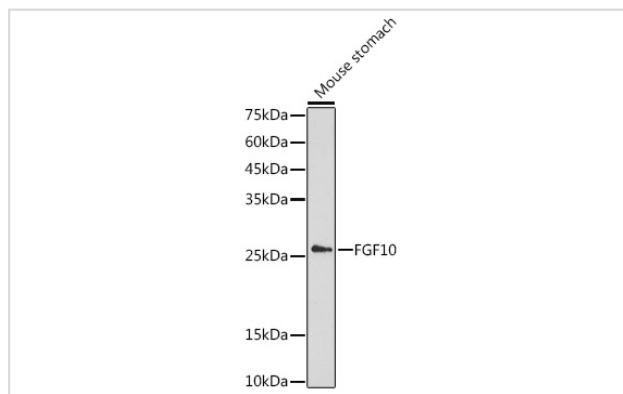
Description

Product Name	FGF10 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total FGF10 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human FGF10 (NP_004456.1).
Conjugates	Unconjugated
Target Name	FGF10
Other Names	FGF10
Accession No.	Uniprot:O15520GeneID:2255
SDS-PAGE MW	27KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB □ 1:500 - 1:2000

Images



Western blot analysis of extracts of Mouse stomach, using FGF10 antibody.

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.

Published Papers

el et al., KGF-2 Regulates STAP-2 β Mediated Signal Transducer and Activator of Transcription 3 Signaling and Reduces Skin Scar Formation. In J Invest Dermatol

on 2022 Jul by Qingde Zhou, Jianxiang Gong, et al.. PMID:34999107, , (2022)

[PMID:34999107](#)

Xuanxin Yang;Rongshuai Yang;Min Chen;Qingde Zhou;Yingying Zheng;Chao Lu;Jianing Bi;Wenzhe Sun;Tongzhou Huang;Lijia Li;Jianxiang Gong;Xiaokun Li;Qi Hui;Xiaojie Wang el et al., KGF-2 and FGF-21 poloxamer 407 hydrogel coordinates inflammation and proliferation homeostasis to enhance wound repair of scalded skin in diabetic rats, , (2020)

[PMID:32434772](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.