



Anti-FGF10 (aa 38-137) polyclonal antibody (DPAB-DC982)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 lim bud formation. This gene is also implicated to be a primary factor in the process of wound healing.
Immunogen	FGF10 (NP_004456, 38 a.a. ~ 137 a.a) partial recombinant protein with GST tag. The sequence is QALGQDMVSPEATNSSSSFSSPSSAGRHVRSYNHLDQGDVRWRKLFSFTKYFLKIEKNGK VSGTKKENCPYSILEITSVEIGVVAVKAINSYYLAMNKK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	FGF10 fibroblast growth factor 10 [Homo sapiens (human)]
Official Symbol	FGF10
Synonyms	FGF10; fibroblast growth factor 10; FGF-10; keratinocyte growth factor 2; produced by fibroblasts of urinary bladder lamina propria;
Entrez Gene ID	2255
Protein Refseq	NP_004456
UniProt ID	O15520
Chromosome Location	5p13-p12
Pathway	Activated point mutants of FGFR2; Constitutive PI3K/AKT Signaling in Cancer; DAP12 signaling; Disease
Function	chemoattractant activity; fibroblast growth factor receptor binding; growth factor activity; heparin binding