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Product datasheet for TA367888

FGF10 Rabbit Polyclonal Antibody

Product data:

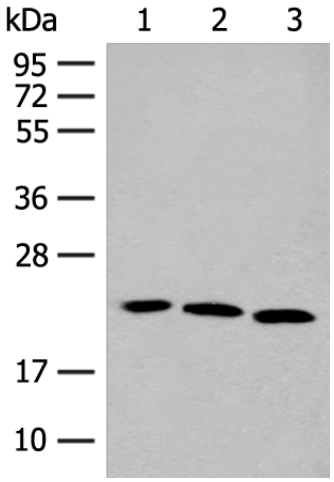
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: A549, HUVEC and 231 cell lysates IHC: 25-100 Positive control: Human colorectal cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human FGF10
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	23 kDa
Gene Name:	fibroblast growth factor 10
Database Link:	Entrez Gene 2255 Human O15520

View online »

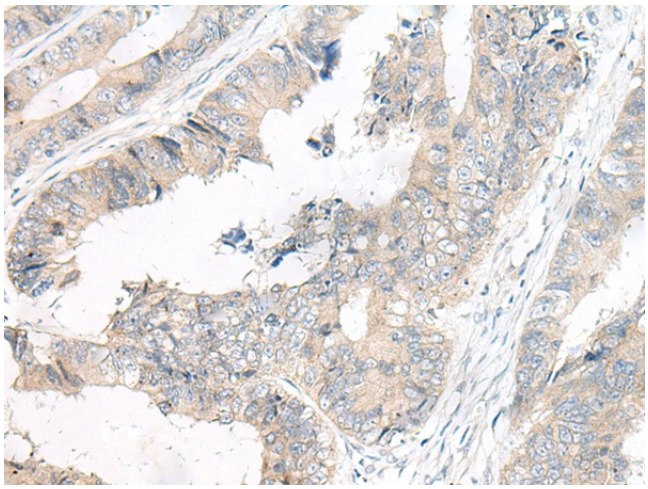
Background: The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, 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 lim bud formation. This gene is also implicated to be a primary factor in the process of wound healing.

Synonyms: FGF-10

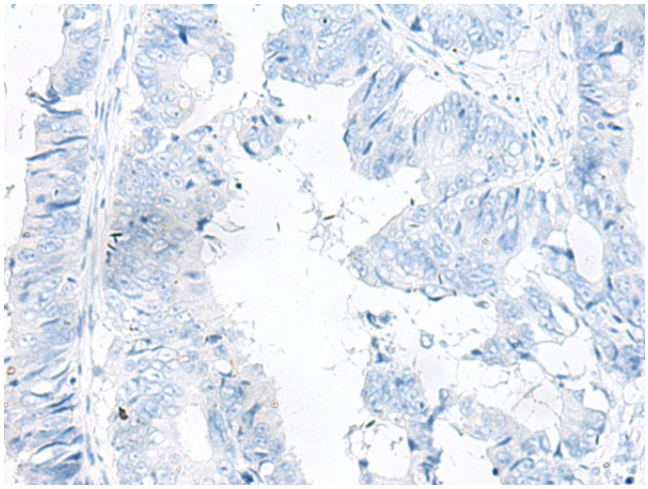
Product images:



Gel: 12%SDS-PAGE
Lysate: 40 µg
Lane 1-3: A549
HUVEC and 231 cell lysates
Primary antibody: TA367888 (FGF10 Antibody) at dilution 1/200
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 30 seconds



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA367888 (FGF10 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA367888 (FGF10 Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: ×200)