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Product datasheet for TA321422

KGF (FGF7) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 179-182 amino acids of Human Fibroblast growth factor 7
Formulation:	PBS pH7.3, 0.05% NaN3, 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	23 kDa
Gene Name:	fibroblast growth factor 7
Database Link:	NP_002000 Entrez Gene 14178 MouseEntrez Gene 29348 RatEntrez Gene 2252 Human P21781

View online »

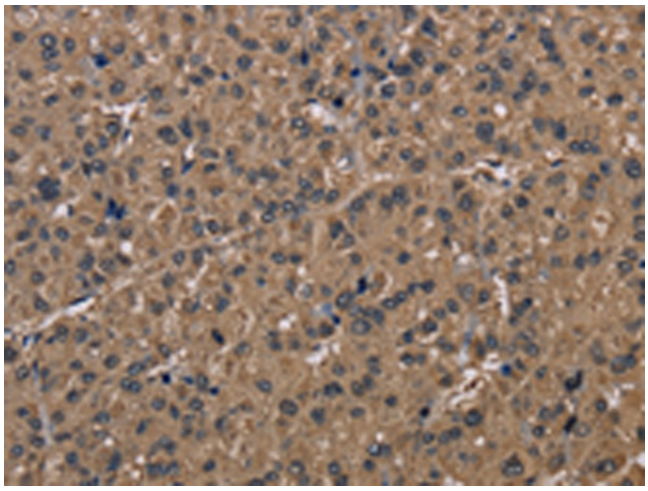
Background: The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities; and are involved in a variety of biological processes; including embryonic development; cell growth; morphogenesis; tissue repair; tumor growth and invasion. This protein 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: HBGF-7; KGF

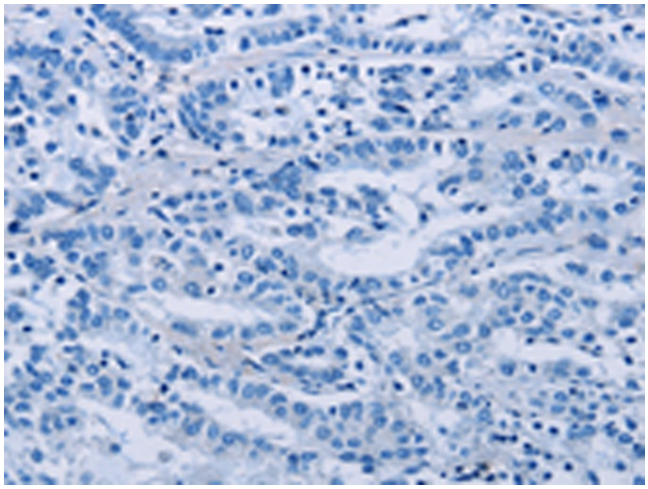
Protein Families: Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Secreted Protein

Protein Pathways: MAPK signaling pathway, Melanoma, Pathways in cancer, Regulation of actin cytoskeleton

Product images:



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA321422 (FGF7 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA321422 (FGF7 Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: ×200)