



# Anti-FGF7 polyclonal antibody (CPBT-65666RH)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit anti Human KGF antibody recognizes human KGF (keratinocyte growth factor), a member of the fibroblast growth factor family, which acts as a potent mitogen of epithelial cells, predominantly of keratinocyte origin. KGF is secreted by fibroblasts in response to stimulation from inflammatory mediators, including IL-1 beta and PDGF-BB (platelet-derived growth factor B), and binds specifically to a splice variant of the FGF receptor 2 (FGFR2-IIIb), known as the KGF receptor.
<b>Specificity</b>	FGF7
<b>Immunogen</b>	Recombinant human KGF
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA; FA; IHC-P; WB
<b>Format</b>	Purified IgG - lyophilised
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

# GENE INFORMATION

<b>Gene Name</b>	<a href="#">FGF7 fibroblast growth factor 7 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	FGF7
<b>Synonyms</b>	FGF7; fibroblast growth factor 7; KGF; HBGF-7; FGF-7; keratinocyte growth factor; heparin-binding growth factor 7;
<b>Entrez Gene ID</b>	<a href="#">2252</a>
<b>Protein Refseq</b>	<a href="#">NP_002000</a>
<b>UniProt ID</b>	P21781
<b>Chromosome Location</b>	15q21.2
<b>Pathway</b>	Activated point mutants of FGFR2; Adaptive Immune System; Constitutive PI3K/AKT Signaling in Cancer; DAP12 interactions; DAP12 signaling; Disease; Downstream signal transduction; Downstream signaling events of B Cell Receptor (BCR);
<b>Function</b>	chemoattractant activity; fibroblast growth factor receptor binding; growth factor activity; heparin binding; protein binding;