



Anti-FGF2 polyclonal antibody (CPBT-65138RH)

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

PRODUCT INFORMATION

Product Overview

Rabbit anti Human FGF basic polyclonal antibody recognizes human Fibroblast Growth Factor (FGF) basic, otherwise known as FGF 2 (fibroblast growth factor 2), a member of the heparin-binding growth factor family which exists in both cytosolic and nuclear isoforms, ranging in size from 18-24kDa, expressed by the majority of cells and tissues. FGF basic is a multi-functional growth factor identified as a potent inducer of angiogenesis, an important factor in wound healing, tumour vascularisation and cardiovascular disease and is pivotal for the development and maintenance of vascular integrity during embryogenesis. The recombinant basic FGF protein used as immunogen for development of Rabbit anti Human FGF basic polyclonal antibody corresponds to the C-terminal portion of the molecule (A135 - S288), present in all known isoforms of human FGF basic, thus all isoforms are expected to be recognized by this Rabbit anti Human FGF basic polyclonal antibody. ELISA This product may be used in a direct ELISA or as a detection reagent in a sandwich ELISA and E.coli derived recombinant Human FGF basic protein as the standard.

Specificity	FGF BASIC
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Biotin
Applications	ELISA; WB
Format	Purified IgG conjugated to Biotin - lyophilised
Size	50 µg

Preservative	None
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Storage	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.
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GENE INFORMATION

Gene Name	FGF2 fibroblast growth factor 2 (basic) [Homo sapiens (human)]
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Official Symbol	FGF2
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Synonyms	FGF2; fibroblast growth factor 2 (basic); BFGF; FGFB; FGF-2; HBGF-2; fibroblast growth factor 2; prostatropin; heparin-binding growth factor 2; basic fibroblast growth factor bFGF; FGF BASIC;
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Entrez Gene ID	2247
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Protein Refseq	NP_001997
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UniProt ID	P09038
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Chromosome Location	4q26
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Pathway	Activated point mutants of FGFR2; Adaptive Immune System; Angiogenesis; Angiopoietin receptor Tie2-mediated signaling; Cardiac Progenitor Differentiation; Constitutive PI3K/AKT Signaling in Cancer; DAP12 interactions; DAP12 signaling;
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Function	chemoattractant activity; cytokine activity; fibroblast growth factor receptor binding; growth factor activity; heparin binding; ligand-dependent nuclear receptor transcription coactivator activity; protein binding;
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