Datasheet for ABIN6942271

anti-FGF2 antibody (AA 143-288) (Biotin)

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Overview

Quantity:	100 µL
Target:	FGF2
Binding Specificity:	AA 143-288
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGF2 antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Full length of human bFGF Recombinded.
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Predicted Reactivity:	Cow,Sheep,Pig,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	FGF2
Alternative Name:	bFGF (FGF2 Products)

Target Details

Background:	Synonyms: Basic fibroblast growth factor, FGF basic, FGF-basic, BFGF, FGF-2, FGF B, FGF2, FGF2 basic, FGFB, Fibroblast growth factor 2 (basic), HBGF 2, HBGF-2, HBGF2, HBGH 2, HBGH2, Heparin binding growth factor 2 precursor, Prostatropin, FGF2_HUMAN. Background: The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members bind heparin and possess broad mitogenic and angiogenic activities. This protein has been implicated in diverse biological processes, such as limb and nervous system development, wound healing, and tumor growth. The mRNA for this gene contains multiple polyadenylation sites, and is alternatively translated from non-AUG (CUG) and AUG initiation codons, resulting in five different isoforms with distinct properties. The CUG-initiated isoforms are localized in the nucleus and are responsible for the intracrine effect, whereas, the AUG-initiated form is mostly cytosolic and is responsible for the paracrine and autocrine effects of this FGF. [provided by RefSeq, Jul 2008].
Gene ID:	2247
UniProt:	P09038
Pathways:	RTK Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, C21-Steroid Hormone Metabolic Process, Inositol Metabolic Process, Glycosaminoglycan Metabolic Process, Protein targeting to Nucleus, S100 Proteins

Application Details

Application Notes:	IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C

Handling

Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months