

FGF3 Rabbit pAb

Catalog # AP97288

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P11487
Other Accession	P11487
Reactivity	Human
Predicted	Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26887
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FGF3
Epitope Specificity	66-180/245
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the heparin-binding growth factors family.
SUBUNIT	Interacts with FGFR1 and FGFR2. Affinity between fibroblast growth factors (FGFs) and their receptors is increased by heparan sulfate glycosaminoglycans that function as coreceptors (By similarity).
Post-translational modifications	Glycosylated.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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 gene was identified by its similarity with mouse fgf3/int-2, a proto-oncogene activated in virally induced mammary tumors in the mouse. Frequent amplification of this gene has been found in human tumors, which may be important for neoplastic transformation and tumor progression. Studies of the similar genes in mouse and chicken suggested the role in inner ear formation.

Additional Information

Gene ID	2248
Other Names	HBGF-3; INT2; Fgf-3; Fgf5c; Int-2; Int-P; FGF3_HUMAN; FGF3; Heparin-binding growth factor 3 (HBGF-3); Proto-oncogene Int-2; FGF3_MOUSE; fibroblast growth factor 3; fibroblast growth factor 3 (murine mammary tumor virus integration site (v-int-2) oncogene homolog); INT-2 proto-oncogene protein; oncogene INT2; V-INT2 murine mammary tumor virus integration site

oncogene homolog; murine mammary tumor virus integration site 2, mouse

Dilution

IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name

FGF3

Synonyms

INT2

Function

Plays an important role in the regulation of embryonic development, cell proliferation, and cell differentiation. Required for normal ear development.

Cellular Location

Secreted.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.