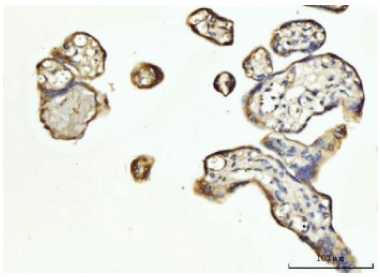
FGF3 Antibody / Fibroblast growth factor 3 (RQ6628)

Catalog No.	Formulation	Size
RQ6628	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P11487
Localization	Secreted
Applications	Immunohistochemistry (FFPE): 2-5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This FGF3 antibody is available for research use only.



IHC staining of FFPE human placental tissue with FGF3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

INT-2 proto-oncogene protein also known as FGF-3 is a protein that in humans is encoded by the FGF3 gene. 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.

Application Notes

Optimal dilution of the FGF3 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids A18-H239) was used as the immunogen for the FGF3 antibody.

Storage

After reconstitution, the FGF3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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